

The Actassi system

Seamless end-to-end network connectivity



Actassi puts all the differences aside!



The best features of our local brands and ranges are now merged into one, complete global system – Actassi.

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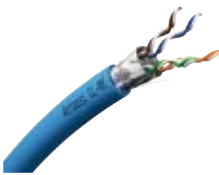
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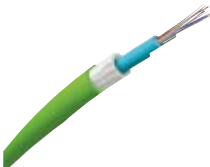
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Enhanced performance, that's the Actassi effect.



Actassi enhances the network performance in offices, data centres, hospitals and schools.

A network set-up never gets better than the way it was planned from the start. That's why the Actassi system includes everything you need, from enclosures and patch panels, to cables and connectors. All are easily integrated with our products to improve accessibility, such as the OptiLine pop-ups and posts. To make it even simpler to select your Actassi system products, we have developed a tool called Digital Rule. It's an intelligent e-catalogue which will facilitate your choices and ensure an error-free specification of the total Actassi system. The application is easy to use and easy to update.



Your skills

+



Our skills and innovations

=

Connectivity to the power of you!

By choosing Actassi, which is integrated with all other Schneider Electric solutions, your skills will be greatly empowered. Designed for, and in cooperation with installers and IT professionals our network connectivity solutions combine all areas of expertise, allowing you to make the most of your networks.

Superior usability

By constructing a complete system, we have made sure that there will never be incompatible differences in-between parts. But as an installer, we believe you would like to know the specifics. Let's take a closer look at some less visible Actassi advantages!



Actassi system

With innovations such as the S-One connector, the sliding 19" patch panels and the CL-MX cable, Actassi allows you to work faster. Installation time will be decreased by up to 20 %, still high-performing network cabling is assured.



The fast and trouble-free Actassi S-One connector

The One-piece RJ45 connector is tool-less to open and close. Advantages such as the colour coding, smart bridle, U-shaped cable entry and automatic 360° earthing allow you to connect up to 50 % faster. A cutting plier is all the tooling you need. Actassi S-One is designed by Schneider Electric, manufactured in our state-of-the-art factory in Denmark and is fully compliant with the latest standard ISO/IEC 11801: 2011 Ed2.2.



The high-performance CL-MX cable

The new Actassi CL-MX cable has a patented metallic crossfiller for better link performance and less installation operations. No need of separation distance to power cabling and no need of ANEXT field testing.

A new and innovative shielded Cat 6_A cable with 3 times faster installation and a superior transfer impedance performance. The secret is the patented single-foil metallic crossfiller that brings 3x shielding, improved EMC and less cutting operations.



The pre-equipped 19" panels

The Actassi 19" patch panels with sliding and quick-fix function, automatic earthing, quick-release button and rear cable identification will delight any professional.



Actassi VDS allows airflow of 80 %

The new Actassi enclosure for server applications is very robust and can be mounted with up to 750 kg of 19" components. The micro-perforated door ensures superior air circulation. Cable entries at the sides enable ergonomic installations.

Actassi helps you get more jobs done by speeding up each task.

1



Install seamless end-to-end connectivity

Actassi includes everything needed to install and operate network connections simply and intuitively. Technical innovations and ergonomic features exceeding the demands of end-users and installers, enhance productivity in every workplace.



Actassi is easy to specify, install, use and upgrade. Together with our OptiLine installation system you will have a very flexible network access.



Actassi 19" Enclosures

A complete range of products including all sizes of enclosures, from 6 units to 47 units with different widths, depths and compositions.



Quick Fix

Our 19" panels are all equipped with the Quick Fix function, allowing simple, firm and convenient installation and maintenance.



Actassi 19" Panels

Sliding function, automatic earthing, quick-release button and rear cable identification make the Actassi 19" panel a delight to install.



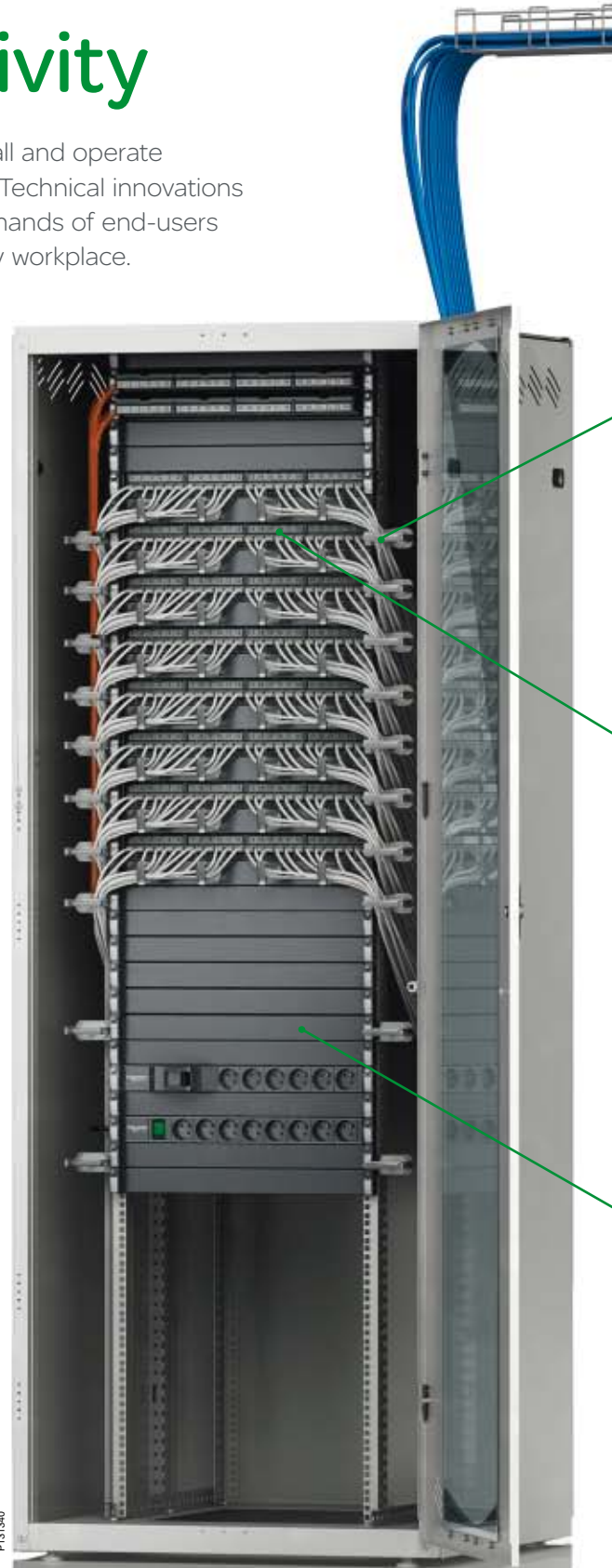
CL-MX cable

The new Actassi CL-MX cable has a patented metallic crossfiller which brings 3x shielding and superior EMC. Still it's 3 times faster to install!



Actassi S-One – Twice as fast

The new Actassi S-One RJ45 connector, with features like the smart bridle, is up to 50 % faster to connect than most other connectors.



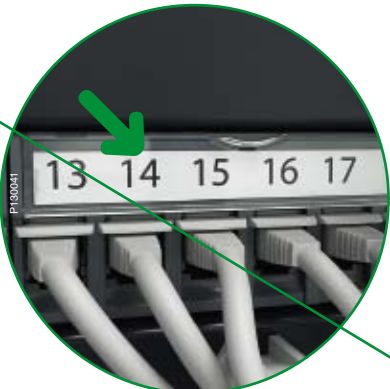
OptiLine Consolidation point

Performa Mesh trays



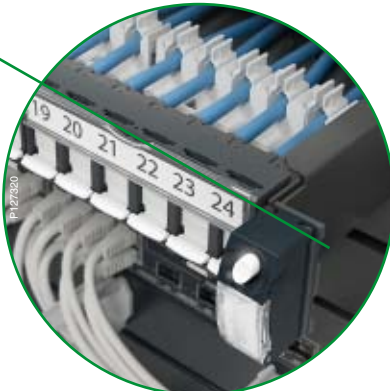
Cable management for perfectionists

Every cord and cable is easily fixed and fastened in its designated place.



Clear marking

Both patch panels and connector face plates are equipped with a system for clear marking.



Expand in no time

The patch panels are pre-equipped and have benefits such as the Quick Fix and a convenient sliding function.



Altira

The Altira range contains all the functions and finishes you need to make a complete and stylish installation.



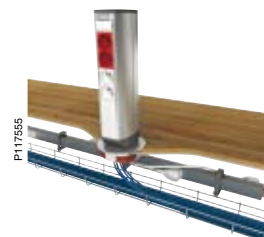
Wall installation

The OptiLine trunking makes tele, data and power easily and elegantly accessible.



Table installation

Increase function, technology and design by providing network and power access for complete flexibility.



Floor installation

For a truly flexible solution, use our two-sided post. It's equipped with a fixing for the innovative floor grommet, enabling easy future adjustments.

Complete peace of mind

Did you connect the right wire? Did you remember earthing? With Actassi you never have to worry again. The shielded connectors have an automatic 360° earthing, so you will save time and provide safe installations simultaneously. But security isn't only a built-in feature in products. It's also a philosophy that has governed the way we have designed the Actassi support services and warranties.



We offer comprehensive training programmes as well as extensive warranties.



You will get it right, intuitively



Actassi system warranty covers the complete network, from the technical room to the workstation. Ask your local Schneider Electric sales office for detailed information on the warranties and support resources in your country.

Actassi is built on intuitive installation technology, making it very hard to fail. But if there are any uncertainties, don't hesitate to call your local support services. They are happy to answer your questions. And if there is something you would like to excel at, you are always welcome to join our training programmes.

Certified standard and global accessibility

All Actassi products are certified to the highest standards by a third party. Several products actually exceed international standards to give you true top-class performance and reliable connectivity. Our worldwide presence and well-known distribution partners also ensure both global and local access to our products and services.



The Digital Rule helps you select products

Do you find it hard to select RJ45 connectors, patch panels, cables and enclosures? Visit schneider-electric.com and try our Digital Rule. It's an intelligent online e-catalogue which will facilitate your choices and ensure an error-free specification.



OptiLine makes power and the Actassi network accessible with style

Why not go all the way to increase function, technology and good design at the office? The OptiLine installation system leads power and IT from the source and is as easy to extend and adapt, as to use.

The OptiLine installation system is built to save all kinds of energy. The product range consists of post, poles, pop-ups, boxes and trunking, enabling elegant access everywhere. Power, telecom and data are easily supplied to every workplace and accessible through elegant wiring devices and outlets.

Make the entire installation complete with KNX energy control. This range provides comfortable adjustments of room temperature, ventilation, light, roller blinds and other conveniences through presence detectors and a central touch panel. The OptiLine installation system, monitored by the KNX energy control, is a future-proof investment.



Environment in focus

Energetic and environmental responsibility lies at the core of Schneider Electric culture and strategy. We strive to reduce the environmental impact of our products throughout their entire life-cycle, particularly through eco-design and eco-production.



Actassi is compliant with RoHS, the REACH European directives and PEP Eco passport. Product Environmental Profile available on request.



Actassi CL-MX cables is one example of Eco-design. Halogen-free, flame or fire retardant. In case of fire, the result of using Actassi CL-MX is the reduction of the emissions of opaque smoke and acid gases. Thus, it helps reducing damages to equipment and allows people to escape from the building more easily.

Eco-design

The European Union enacted an Energy using Products (EuP) framework directive in 2005 (directive on the eco-design of products) which seeks to promote eco-design approaches in priority sectors, or even to specify the aims of impacts for some products.

Although Schneider Electric's supply is outside of the EuP target, it generalises the eco-design approach to all its developmental activities and undertakes to communicate the environmental features of its products through Product Environmental Profiles (PEPs)

Product Environmental Profile

For each product Schneider Electric undertakes to publish a Product Environmental Profile (PEP). It provides customers with information on their environmental performances during their life cycle as well as the best treatment solutions at the end of their life. To ensure transparency and the validity of the data, it complies with ISO 14025 in an inter-professional programme which sets shared calculation and drafting rules for publishing the environmental impacts of products.



A short Actassi summary

Here is a short summary for you: Actassi is Schneider Electric's new global state-of-the-art range for networking and connectivity infrastructure solutions, created for buildings and data centres. It consists of the best performing features from local Schneider Electric brands such as LexCom, Infraplus, Clipsal Datacomms, Sarel and Himel. To be able to offer every installer around the world, the best-of-the-best solutions, we have created ONE single system; Actassi.



Searching for a smaller sized home solution? LexCom Home should be your choice. You'll get data, TV and telephone in all rooms, and even access to all medias at the same time from the same outlet.

All products are designed to give superior usability and performance. They exceed the most advanced international standards, such as ISO/IEC 11801: 2011 Ed2.2 for the new S-One connector. All S-One connectors are manufactured to provide exceptional Cat 5e, Cat 6 and Cat 6_A performance for shielded and unshielded data networks.

Furthermore Actassi is fully integrated with a wide range of other Schneider Electric solutions and products, such as the Total Office Performance system including products to create a true organic office – read more on page 14-15.

The Actassi system consists of a comprehensive set of products:

- Connectors for Cat 5e, Cat 6 and Cat 6_A performance
- Cross-connect panels
- Copper and fibre optic LAN cables
- Patch cords and connecting hardware
- Cabling and server enclosures



Actassi is a part of the TOP system

By now you know that Actassi is the smartest way to create reliable and high-performing network connectivity. So let's add some more interesting facts to that piece of information; Actassi is also part of our Total Office Performance system. Just like in a human body, it's the interaction between these parts that creates the organic quality of the complete system.



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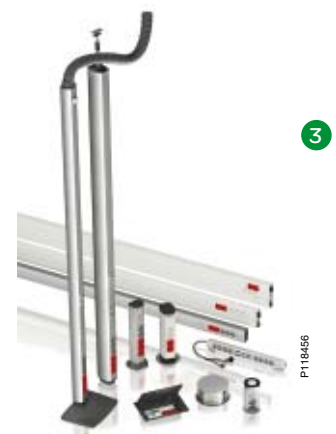
Connectivity Actassi

Network connectivity is as essential for a modern office as the signal substances are for your body's inner communication. Actassi is as intuitive, fast and reliable.



Infrastructure Canalis / Performa

Canalis busbars and Performa mesh trays are the bone structure which distributes power and network throughout the office building.



Installation system OptiLine

OptiLine is to power and networks what your veins are to your blood circulation; Flexible, extensive, reaching into every corner.



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5

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Life Space Management Uniq / Roombox

Uniq, Roombox and KNX provides convenient building control and energy management. All functions for LifeSpace Management are monitored from one single source.



Safety and Security Dardo / Twinbus

Finally your office needs eyes, ears and senses. Twinbus is the vigilant door entry system and Dardo and Exiway provides all the safety you need with its signs and alarms.



Wiring devices Altira

This is the office building's skin, containing great functions and presenting them in style.

Actassi 19" patch panels

The Actassi 19" panels are indeed an installer's delight! They are innovative, simple and efficient. They are also part of the global Actassi product portfolio for Network Connectivity including connectors, cables and enclosures. Actassi is also a vital component of TOP – the Total Office Performance system – making workspaces energy efficient, flexible and comfortable. TOP includes everything from power and data distribution, to safety systems and lifespace controls. So, when you choose Actassi you'll get superior usability and a truly seamless end-to-end connectivity.



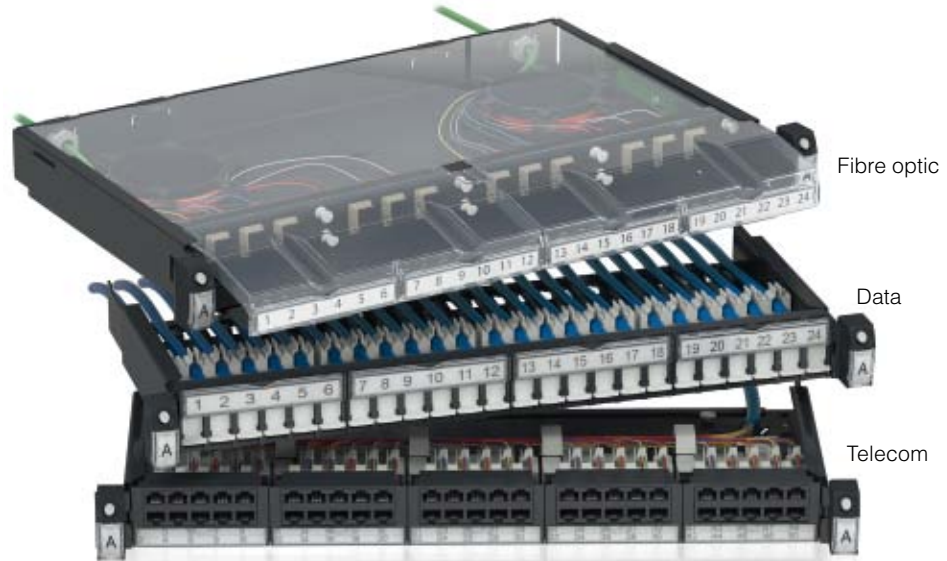
Making professional IT and network installations easy

1



All Actassi panels are equipped with the smart and innovative Quick Fix function.

Now, furnishing or maintaining our 19" racks with panels couldn't be done easier or faster. Actassi panels are all equipped with the Quick Fix function, a mechanism mounted at each side of the 1U panel, which helps them to be quickly opened.



A panel for every need

We've got panels for fibre optic, data and telecom. They have all been developed with two words in focus - easy and smart. Some examples; Quick Fix function, sliding panels, clear marking and easy cable management. The fibre optic panels also have a highly developed

protection against dust. And the best of it all, the panels are also available pre-equipped, to make your ordering and installation as simple as possible. Of course power panels are also part of our offer.



PT11548

Quick Fix

Just press the button and the panel smoothly slides out. Other Quick Fix secrets are the guiding fingers and the pre-mounted screws. The integrated label holder gives the panel a unique identity.



PT10643

Homogeneous design

Actassi is not only a high quality system, it also looks good! The appearance is really professional since we have kept the same aesthetics for the whole range.



PT10642

Future proof

All Actassi products are part of our modular offer for creating a professional IT and network environment. The robust design, construction and high-quality materials are other long-lasting guarantees. That's why the Actassi products are future proof.



PT10644

Good overview

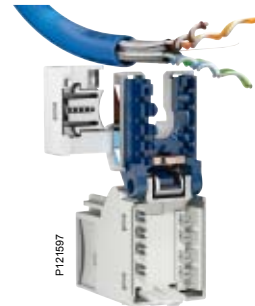
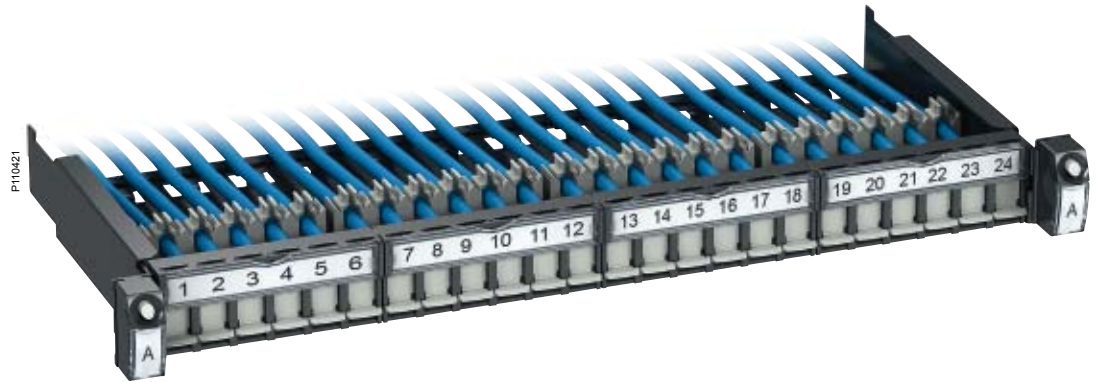
The transparent front lids and the top cover protect the patchcords and fibres, and give a clear visibility of the inside.

Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, shutters, label holders and a rear cable organizer. We try to make your life as easy as possible.



The data panel is available pre-equipped with the innovative S-One connectors.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.

Actassi S-One

The connectors are a one-piece design for very fast and reliable wiring. Actassi S-One exceeds component hardware certification for standards like ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, ensuring optimized network performance.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.



Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi flat high-density panels

The new Actassi 19" flat data panel with connectors placed at an angle gives a new dimension to high density – the panels can be mounted directly on top of each other, with no need of intermediate guiding panels. They are available empty without connectors or equipped with Cat 6_A STP connectors.

1



Quick Fix function
The panels are equipped with a Quick Fix function for a fast installation.



The flat data panel contains a configuration for 24 RJ45 connectors with a clear marking both at the front and at the rear. The panels are easy to install thanks to the front access and the Quick Fix function. Use the vertical side rings for vertical management of the patch cords. Other features are the removable cable manager at the rear, the panel identification label and the hinged central label holder.



Vertical side rings
Vertical side rings and connectors at an angle give a true high density installation. The overhead patching frame saves space in the enclosure below.



Connectors at an angle
Connectors placed at an angle combined with front access simplify installation work.



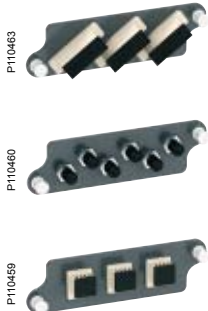
Clear front marking
Large identification labels for easy readability from ground level.



Cable management
The cable manager can be folded or removed. Hooks for cable ties for extra safety.

Actassi fibre optic panels

A simple all-in-one concept, pre-equipped with for example Quick Fix function, coiling wheels and cable glands. It has a capacity of 24 fibres and has transparent lids for protection and a clear visibility of the inside. Can hold up to 4 cover plates, and since it is delivered with 3 blank plates, the choice is open for the fourth to be used according to your needs. The cover plates are available in empty and pre-equipped versions with adapters.

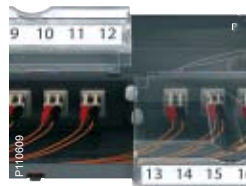


To match your fibre optic panel we have developed a range of pre-equipped coverplates. It's a time-saving, safer and smarter way to work with your installations.



Coiling wheels

The panel contains wheels to keep the fibres in place and to avoid tension on the connectors. This will also give a correct bending radius and more space for excess lengths of the fibres.



Excellent protection

The transparent covers give both protection and overview. The front covers can be opened for quick access and the top cover is easily removed.



Clear marking

Since the marking is very clear, identifying the cable you are looking for will never be a problem.



Integrated guiding panel

A patchcord guiding panel, with smoothly shaped edges to protect the cords, is integrated in the panel. So there is no need to add a separate guiding panel that would take another 1U space.



Rear quick fixation

A quick-fixation system is provided for the cables at the rear. Use the provided 16 mm glands for cables. If a 21mm gland (not provided) is needed, just remove the rear plastic support and fix the gland directly in the cable entry. Quick and easy!



Sliding function

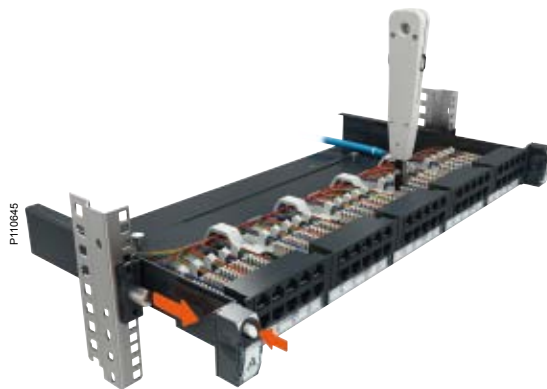
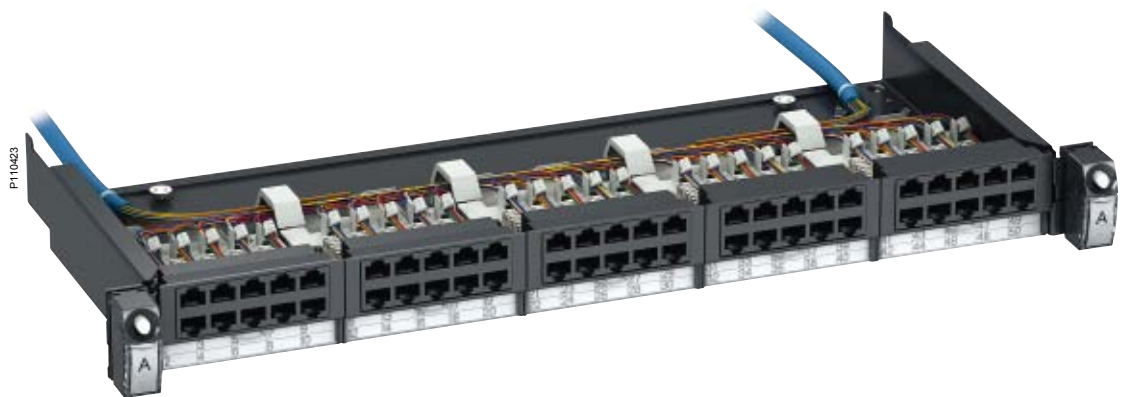
The panel can be slid or completely removed for a more convenient working position.



Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.

1



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool

This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification

No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing

The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking

The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



Side rings for rack 800x800

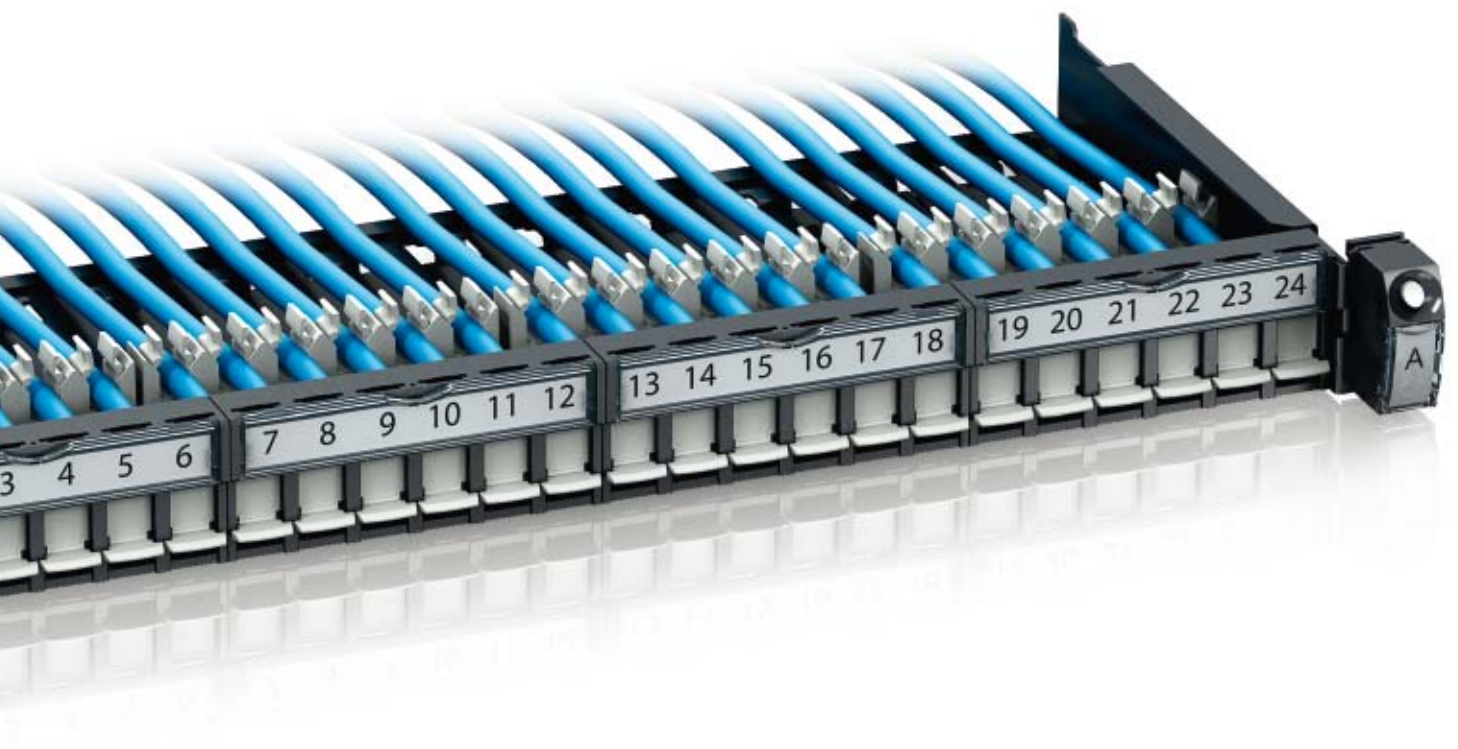
Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



Vertical rings for rack 600x600

For the 600x600 racks, use the smaller tie up devices to keep your installations in neat order.





Actassi Copper solution

Connectors

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S-110 RJ45 connectors 39

Cables

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Actassi S-One RJ45 connectors

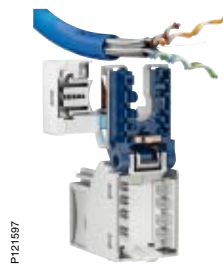


Actassi S-One with one-piece design for faster and safer installations

Without any loose parts the Actassi S-One connector is more compact, easier to handle and up to 50 % faster to connect. The connector is delivered open, ready to connect. It has an automatic 360° cable earthing, a simple locking termination and a very smart locking function. The robust one-piece design is suitable for all applications, and in the Actassi S-One range you'll find both shielded and unshielded connectors of all categories.

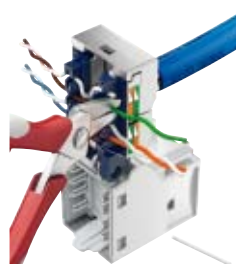


PoE+
The Actassi S-One connector is now certified and fully compliant with the PoE+ standards by Delta, allowing transport of up to 30 W in the data cable.



Ready...

S-One is delivered open. Just insert the cable in the central U-shaped entry.



Steady...

Close the smart bridle – it will automatically lock the cable and provide 360° earthing.



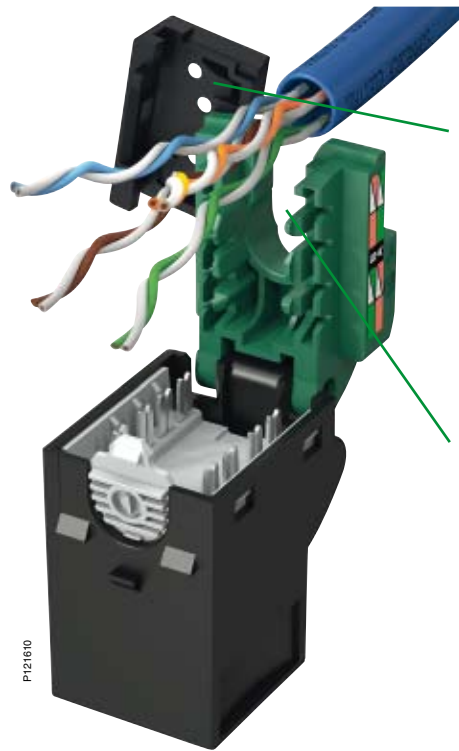
Done.

Shut the connector. A “click” confirms that it's locked into its firm and reliable position.

Actassi S-One benefits

U-shaped cable entry with a smart bridle

Despite being compact in size, the connector has enough space inside for your work. All functions are designed to ease your installation.



Smart bridle with elastomer insert for cable locking reduces risk of damaging cables.

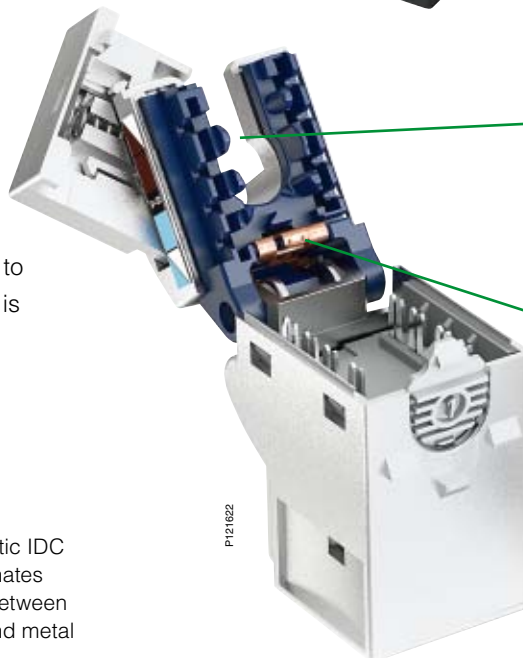
U-shaped cable entry. Easy access for all cables.



Central cable entry for optimized performance.

Safe and automatic 360° earthing

Actassi S-One easily provides automatic earthing without any tools.



Automatic 360° earthing with spring-loaded locking and earthing bridle.



Integrated earth-drain contact provides double earthing.

Protected IDC

With Actassi S-One it's nearly impossible to damage cables or fingers, since the IDC is concealed in a cavity.



Insulated plastic IDC housing eliminates short-circuit between conductors and metal body.

Ergonomic design



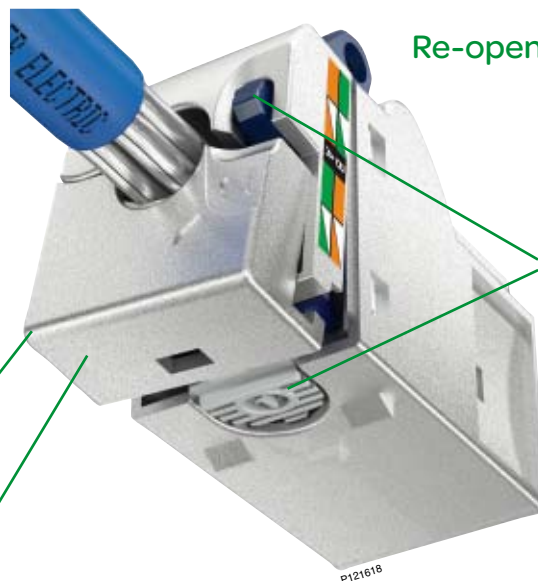
Installing shouldn't be painful! So in the Actassi S-One range it isn't.

Bridle with elastomer insert (unshielded) for convenient locking and soft touch.

Smooth design with rounded edges.

Touch-friendly materials.

Re-open in two clicks



You can hear the Actassi S-One opening and closing.

Quick-release buttons for tool-less re-opening.

Reduced risk of damaging connections.

Re-close with a simple click-click.

Actassi S-One is colour-coded

The Actassi S-One wire organizers are colour-coded to make performance identification safer and easier. Both shielded and unshielded connectors are coded according to the same system. Dark blue for Cat 6_A, light blue for Cat 6 and green for Cat 5e.

Practical eco-box

- Box of 12 connectors.
- Connectors delivered open, ready to connect.
- Cardboard package for easy recycling.

Integrated hook for the 19" rack.



Shielded

The shielded Actassi S-One connectors have two very time saving and safe features. It's the spring-loaded bridle for locking and automatic 360° earthing, and the integrated earth drain contact, which provides efficient double earthing.

Unshielded

The unshielded Actassi S-One connectors have a smooth feel. The design promotes safety and comfort by its finely contoured shape, edges and elastomer insert.



Full compliance with ISO/IEC 11801: 2011 Ed2.2

To get your complete network installation classified you need to work with classified components. That's why you should choose our solutions. We provide seamless end-to-end connectivity through safe, speedy and reliable network installations. We are constantly adjusting and updating our portfolio, and at the same time making sure that they are fully compatible with older and future solutions.

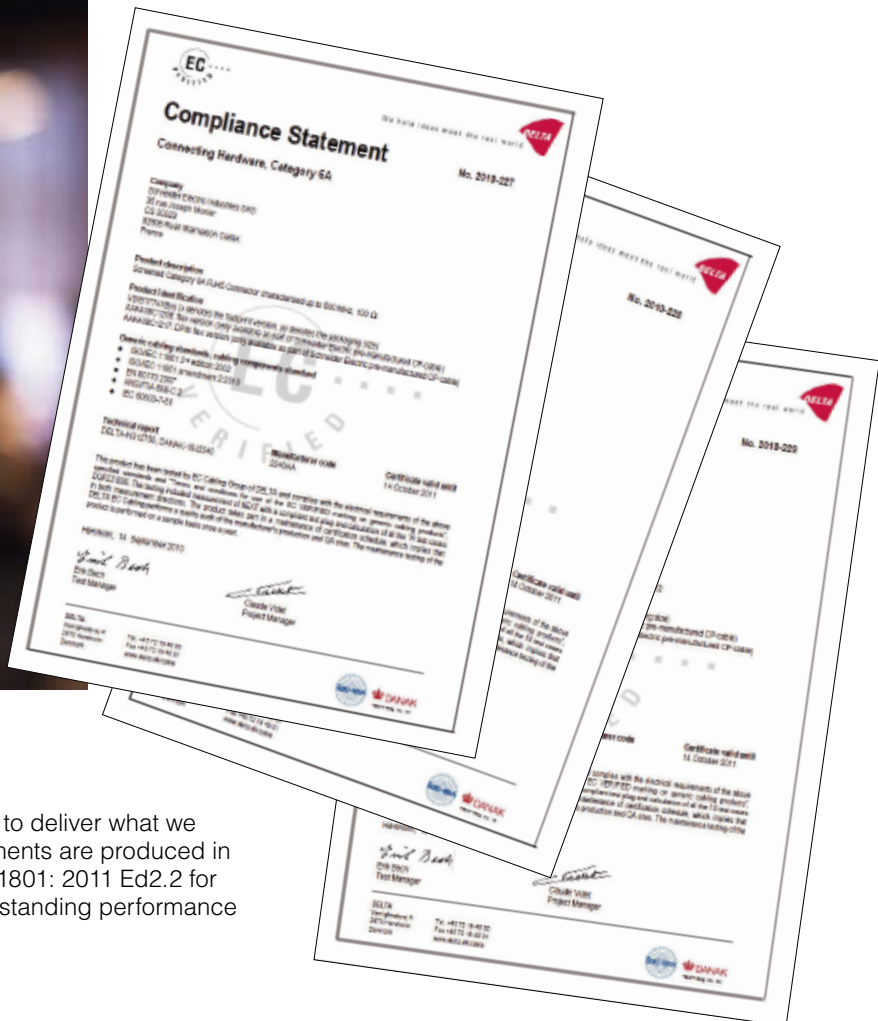
Cat 6_A

Cat 6

Cat 5e



2



Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-One components are produced in Europe and fully compliant with ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, so you can always count on an outstanding performance and reliability.

Actassi S-One RJ45 connectors

- Performance categories: Cat 6_A, 6 and 5e, shielded and unshielded
- Material: shielded in zamak, unshielded in ABS plastic
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
 - ISO/IEC 11801: 2011 Ed2.2, class EA permanent link and channel
 - IEC 60603-7-51 Cat 6_A connecting hardware
 - ANSI/TIA-568-C.2 Cat 6_A connecting hardware
- One-piece design and U-shaped cable entry
- Tool-less IDC termination
- Earthing (shielded): metallic, 360° self-adjusting, plus drain wire contact
- Operational temperature range: -40°C to + 70°C.

S-One C6_A – Cat 6_A

| Description | Qty/pack | Reference |
|--|----------|--------------|
| RJ45 Connector Cat 6 _A Unshielded | 1 | VDIB1772XU01 |
| | 12 | VDIB1772XU12 |
| | 96 | VDIB1772XU96 |
| RJ45 Connector Cat 6 _A Shielded | 1 | VDIB1772XB01 |
| | 12 | VDIB1772XB12 |
| | 96 | VDIB1772XB96 |

S-One C6 – Cat 6

| Description | Qty/pack | Reference |
|---------------------------------|----------|--------------|
| RJ45 Connector Cat 6 Unshielded | 1 | VDIB17726U01 |
| | 12 | VDIB17726U12 |
| | 96 | VDIB17726U96 |
| RJ45 Connector Cat 6 Shielded | 1 | VDIB17726B01 |
| | 12 | VDIB17726B12 |
| | 96 | VDIB17726B96 |

S-One C5e – Cat 5e

| Description | Qty/pack | Reference |
|----------------------------------|----------|--------------|
| RJ45 Connector Cat 5e Unshielded | 1 | VDIB17725U01 |
| | 12 | VDIB17725U12 |
| | 96 | VDIB17725U96 |
| RJ45 Connector Cat 5e Shielded | 1 | VDIB17725B01 |
| | 12 | VDIB17725B12 |
| | 96 | VDIB17725B96 |

P121213



P121216



P121212



P121215



P121211



P121214



Actassi S-One DPM RJ45 connectors

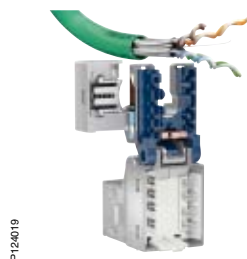


Actassi S-One with one-piece design for faster and safer installations

Without any loose parts the Actassi S-One connector is more compact, easier to handle and ensures great performance by making each connection 100 % reliable. The connector is delivered open, ready to connect. It has an automatic 360° cable earthing, a simple locking termination and a very smart locking function. The robust one-piece design is suitable for all applications, and in the Actassi S-One range you'll find both shielded and unshielded connectors of all categories.

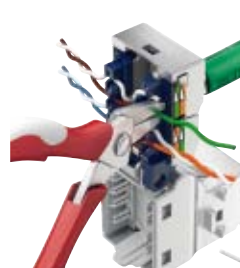


PoE+
The Actassi S-One connector is now certified and fully compliant with the PoE+ standards by Delta, allowing transport of up to 30W in the data cable.



Ready...

S-One is delivered open. Just insert the cable in the central U-shaped entry.



Steady...

Close the smart bridle – it will automatically lock the cable and provide 360° earthing.



Done.

Shut the connector. A "click" confirms that it's locked into its firm and reliable position.

Actassi S-One DPM benefits

U-shaped cable entry with a smart bridle

Despite being compact in size, the connector has enough space inside for your work. All functions are designed to ease your installation.

Safe and automatic 360° earthing

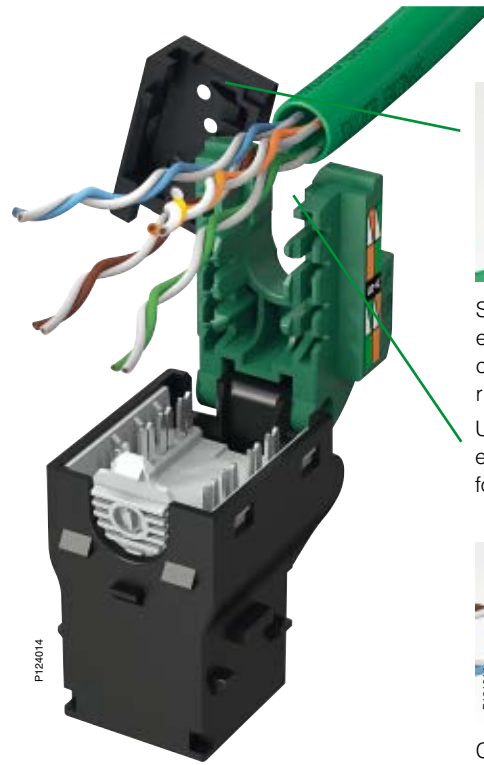
Actassi S-One easily provides automatic earthing without any tools.

Protected IDC

With Actassi S-One it's nearly impossible to damage cables or fingers, since the IDC is concealed in a cavity.



Insulated plastic IDC housing eliminates short-circuit between conductors and metal body.



Smart bridle with elastomer insert for cable locking reduces risk of damaging cables.

U-shaped cable entry. Easy access for all cables.



Central cable entry for optimized performance.



Automatic 360° earthing with spring-loaded locking and earthing bridle.



Integrated earth-drain contact provides double earthing.



P124027

Ergonomic design



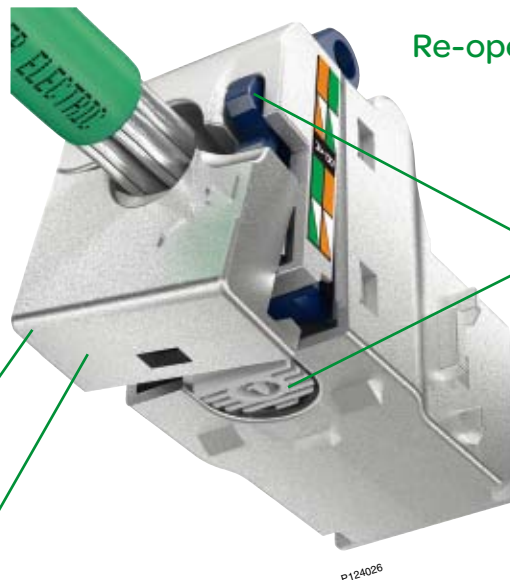
Installing shouldn't be painful! So in the Actassi S-One range it isn't.

Bridle with elastomer insert (unshielded) for convenient locking and soft touch.

Smooth design with rounded edges.

Touch-friendly materials.

P124016



Re-open in two clicks

You can hear the Actassi S-One opening and closing.

Quick-release buttons for tool-less re-opening.

Reduced risk of damaging connections.

Re-close with a simple click-click.

P124026

Actassi S-One is colour-coded

The Actassi S-One wire organizers are colour-coded to make performance identification safer and easier. Both shielded and unshielded connectors are coded according to the same system. Dark blue for Cat 6_A, light blue for Cat 6 and green for Cat 5e.

Practical eco-box

- Box of 12 connectors.
- Connectors delivered open, ready to connect.
- Cardboard package for easy recycling.

Integrated hook for the 19" rack.



Shielded

The shielded Actassi S-One connectors have two very time saving and safe features. It's the spring-loaded bridle for locking and automatic 360° earthing, and the integrated earth drain contact, which provides efficient double earthing.

Unshielded

The unshielded Actassi S-One connectors have a smooth feel. The design promotes safety and comfort by its finely contoured shape, edges and elastomer insert.



Full compliance with ISO/IEC 11801: 2011 Ed2.2

To get your complete network installation classified you need to work with classified components. That's why you should choose our solutions. We provide seamless end-to-end connectivity through safe, speedy and reliable network installations. We are constantly adjusting and updating our portfolio, and at the same time making sure that they are fully compatible with older and future solutions.

Cat 6_A

Cat 6

Cat 5e



2



Every part in our Actassi range is certified to deliver what we claim they will. The Actassi S-One components are produced in Europe and fully compliant with ISO/IEC 11801: 2011 Ed2.2, so you can always count on an outstanding performance and reliability.

Actassi S-One DPM RJ45 connectors

- Performance categories: Cat 6_A, 6 and 5e, shielded and unshielded
- Material: shielded in zamak, unshielded in ABS plastic
- Size: height 28 mm, width 18 mm, depth 35 mm
- Applicable standards:
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 - IEC 60603-7-51 Cat 6_A connecting hardware
 - ANSI/TIA-568-C.2 Cat 6_A connecting hardware
- One-piece design and U-shaped cable entry
- Tool-less IDC termination
- Earthing (shielded): metallic, 360° self-adjusting, plus drain wire contact
- Operational temperature range: -40°C to + 70°C.

S-One DPM C6_A - Cat 6_A

| Description | Qty/pack | Reference |
|--|----------|--------------|
| RJ45 Connector Cat 6 _A Unshielded DPM | 1 | VDIB1771XU01 |
| | 12 | VDIB1771XU12 |
| | 96 | VDIB1771XU96 |

| | | |
|--|----|--------------|
| RJ45 Connector Cat 6 _A Shielded DPM | 1 | VDIB1771XB01 |
| | 12 | VDIB1771XB12 |
| | 96 | VDIB1771XB96 |

S-One DPM C6 – Cat 6

| Description | Qty/pack | Reference |
|-------------------------------------|----------|--------------|
| RJ45 Connector Cat 6 Unshielded DPM | 1 | VDIB17716U01 |
| | 12 | VDIB17716U12 |
| | 96 | VDIB17716U96 |

| | | |
|-----------------------------------|----|--------------|
| RJ45 Connector Cat 6 Shielded DPM | 1 | VDIB17716B01 |
| | 12 | VDIB17716B12 |
| | 96 | VDIB17716B96 |

S-One DPM C5e – Cat 5e

| Description | Qty/pack | Reference |
|--------------------------------------|----------|--------------|
| RJ45 Connector Cat 5e Unshielded DPM | 1 | VDIB17715U01 |
| | 12 | VDIB17715U12 |
| | 96 | VDIB17715U96 |

| | | |
|------------------------------------|----|--------------|
| RJ45 Connector Cat 5e Shielded DPM | 1 | VDIB17715B01 |
| | 12 | VDIB17715B12 |
| | 96 | VDIB17715B96 |

P124006



P124009



P124007



P124010



P124008



P124011





Actassi S-110 RJ45 connectors

Actassi S-110 is the high-quality range of RJ45 punch-down connectors with Keystone footprint. The connectors are unshielded, based on 110 termination technology and can be connected with Actassi punch-down tool (recommended). Actassi S-110 range provides full compliance to the latest international standards ISO/IEC 11801: 2011 Ed2.2 and ANSI/TIA-568-C.2 and is supported by Delta certification

Transparent IDC cap

Clear and transparent IDC cap for faster visual inspection of wires after connection

Easy identification

Available in 6 colours for easy and quick circuit/network identification and management in patch panels

Integrated shutter

Patented integrated shutter, preventing from dust and accidental insertion

U-shaped IDC cap

U-shaped IDC cap for axis or lateral entrance of the cable at the rear of the connector

Visible category

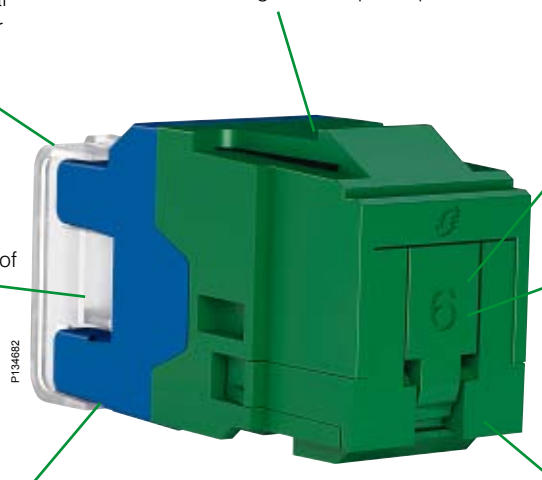
Category-marked on the front for easy and quick identification of the performance

Bright contrast colour for safe connection

Bright colour at the back (white or royal blue) for better contrast during connection to reduce risk of mistakes

Keystone footprint

Keystone footprint to fit Actassi fixed patch-panels range and faceplates



Fixed panels – empty and equipped with the S-110 connectors

The Actassi S-110 product range also includes three fixed panels – one is empty and one is pre-equipped with 24 RJ45 S-110 connectors.

The panels have a Quick Fix function on both sides, and they are equipped with 4 label holders and a metall tray cable manager.



Empty fixed panel for S-110 connectors (for all categories except Cat. 6_A unshielded)



Equipped fixed panel with S-110 connectors (for all categories except Cat. 6_A unshielded)



Equipped fixed panel for S-110 connectors (for Cat. 6_A unshielded only)

Actassi S-110 RJ45 connectors

- Performance categories: Cat 6_A, Cat 6, Cat 5e unshielded
- Material: unshielded in ABS plastic
- Size: height 22 mm, width 16 mm, length 36 mm
- Applicable standards: ISO/IEC 11801: 2011 Ed2.2, ANSI/TIA-568-C.2
- Keystone footprint
- Punch-down IDC termination
- Patented shutter
- Available in various colours
- Operational temperature range: -40°C to 70°C
- Individual bag with cabling instructions.

S-110 C6A Cat 6_A

| Description | Qty/pack | Reference |
|--|----------|--------------|
| Without shutters | | |
| Connector RJ45 Keystone Unshielded, white | 1 | VDIB1776XUWE |
| Connector RJ45 Keystone Unshielded, black | 1 | VDIB1776XUBK |
| With shutters | | |
| Connector RJ45 Keystone Unshielded, white | 1 | VDIB1774XUWE |
| Connector RJ45 Keystone Unshielded, black | 1 | VDIB1774XUBK |
| Connector RJ45 Keystone Unshielded, blue | 1 | VDIB1774XUBU |
| Connector RJ45 Keystone Unshielded, green | 1 | VDIB1774XUGR |
| Connector RJ45 Keystone Unshielded, red | 1 | VDIB1774XURD |
| Connector RJ45 Keystone Unshielded, yellow | 1 | VDIB1774XUYL |

S-110 C6 Cat 6

| Description | Qty/pack | Reference |
|--|----------|--------------|
| Without shutters | | |
| Connector RJ45 Keystone Unshielded, white | 1 | VDIB17766UWE |
| Connector RJ45 Keystone Unshielded, black | 1 | VDIB17766UBK |
| With shutters | | |
| Connector RJ45 Keystone Unshielded, white | 1 | VDIB17746UWE |
| Connector RJ45 Keystone Unshielded, black | 1 | VDIB17746UBK |
| Connector RJ45 Keystone Unshielded, blue | 1 | VDIB17746UBU |
| Connector RJ45 Keystone Unshielded, green | 1 | VDIB17746UGR |
| Connector RJ45 Keystone Unshielded, red | 1 | VDIB17746URD |
| Connector RJ45 Keystone Unshielded, yellow | 1 | VDIB17746UYL |

S-110 C5 Cat 5e

| Description | Qty/pack | Reference |
|---|----------|--------------|
| Without shutters | | |
| Connector RJ45 Keystone Unshielded, white | 1 | VDIB17765UWE |
| Connector RJ45 Keystone Unshielded, black | 1 | VDIB17765UBK |



Actassi S-110 Quick termination Tools compatible with S-110 Cat 6 and 6_A (not for Cat 5e)

- Fast and easy field installation tool with simple squeeze handle
- Handle lock design
- Aluminum alloy
- Replaceable cutting module design
- Save up termination time over 80 %
- Save up termination force needed to 70 %
- Termination of all wires at one single squeeze
- Ensure quality, stability and safety during termination
- Easy & handy carrying and storage.

Quick termination punch down tool compatible with S-110 Cat 6 and 6_A (not for Cat 5e)

| Description | Qty/pack | Reference |
|---|----------|-------------------|
| Connectors (included module) | 1 | ACTTLQTB |
| Quick termination punch down replaceable module | 1 | ACTTLQTBCM |

S-110 Tools for Cat 5e, 6 and 6_A

| Description | Qty/pack | Reference |
|---|----------|---------------------|
| Recommended punch down tool Included blade | 1 | ACTTRJ45PDT |
| Recommended punch down tool blade | 1 | ACTTRJ45PDTB |



Actassi copper cables

Three ranges that cover all needs



CL-C offer

Standard copper LAN cables for your day-to-day installations, based on U/UTP and F/UTP cables, from category 5 to category 6_A. The CL-C cables are reliable and well-known, with good performance.



CL-MNC offer

High-end copper LAN cables for performances from category 6 to category 7_A 1000 MHz. Exceeding international standards by 3 dB minimum on NEXT & RL. Full Delta certification for components and permanent links.



CL-MX offer

Exclusively designed LAN copper cables for category 6_A with a patented single-foil metallic Xfiller, providing high performance and reliable shielded installations. Exceeding international standards by 3 dB minimum on NEXT & RL. Full Delta certification for components and permanent links.

Actassi offer overview

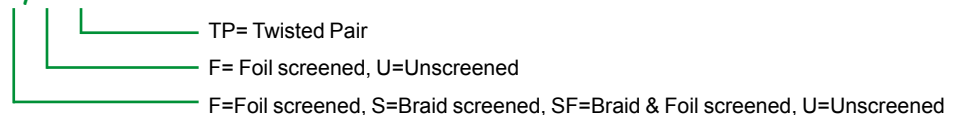
| Type of shielding | Performances | | | |
|-------------------|--------------|-----------------|---------------------|---------------------|
| | Cat. 5 | Cat. 6 | Cat. 6 _A | Cat. 7 _A |
| S/FTP | | | | CL-MNC** |
| F/FTP | | | CL-MNC CL-MX | CL-MNC |
| U/FTP | | CL-MNC | CL-MNC | |
| SF/UTP | | CL-C | | |
| F/UTP | CL-C* | CL-C | CL-C CL-MNC | |
| U/UTP | CL-C* | CL-C* CL-MNC | | |

* Available with PVC or LSZH jacket material.

** Available with LSZH or LSFRZH (LSZH + improved Fire Resistance) sheath material.

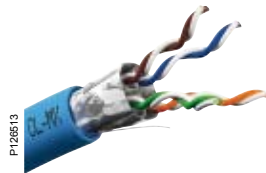
Cable standardisation

X/X TP



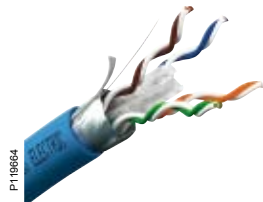
Actassi copper cables

Some important advantages



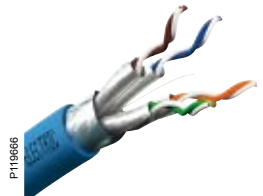
CL-MX patented metallic crossfiller

New and patented metallic crossfiller design of the CL-MX LAN copper cable, providing superior shielding, faster installations and increased efficiency.



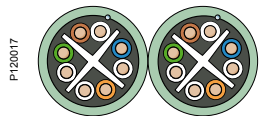
CL-MNC crossfiller with optimized design and micro-blades

With an optimized design and specific micro-blades, you will have better performances in NEXT and ELFEXT, and a better resistance to the mechanical constraints.



CL-C, CL-MNC, CL-MX conductivity

For the whole offer, the conducting side of the shield is turned outwards. Thus, there is no need to turn the shield inside out before applying the connector to have a good conductivity. You will gain time during installation, there will be no destruction of the shield and you will get very good shielding.



CL-C, CL-MNC, CL-MX dual cables

In order to facilitate cable laying, the majority of our cables are available in dual version. Only one operation to install two cables.

Certificates





All LAN cables from Category 6 are certified at a component level by the independent third-party laboratory Delta. Certificates are regularly updated to be compliant to the latest and highest international standards.








Performances

| Frequency (MHz) | 250 | | | 500 | | | 1000 | |
|------------------------|------|------|------|------|------|------|------|------|
| Attenuation (dB)* | 33 | 33 | 33 | 45.3 | 45.3 | 45.3 | 46.0 | 61.9 |
| NEXT (dB)* | 39.3 | 42.3 | 59.3 | 34.8 | 34.8 | 54.8 | 82.7 | 60.4 |
| ACR-F (dB)* | 20 | 23 | 20 | 14 | 17 | 24 | 36.7 | 35.3 |
| Propagation speed (%c) | 66 | 66 | 78 | 70 | 70 | 82 | 82 | 78 |

Cat 6

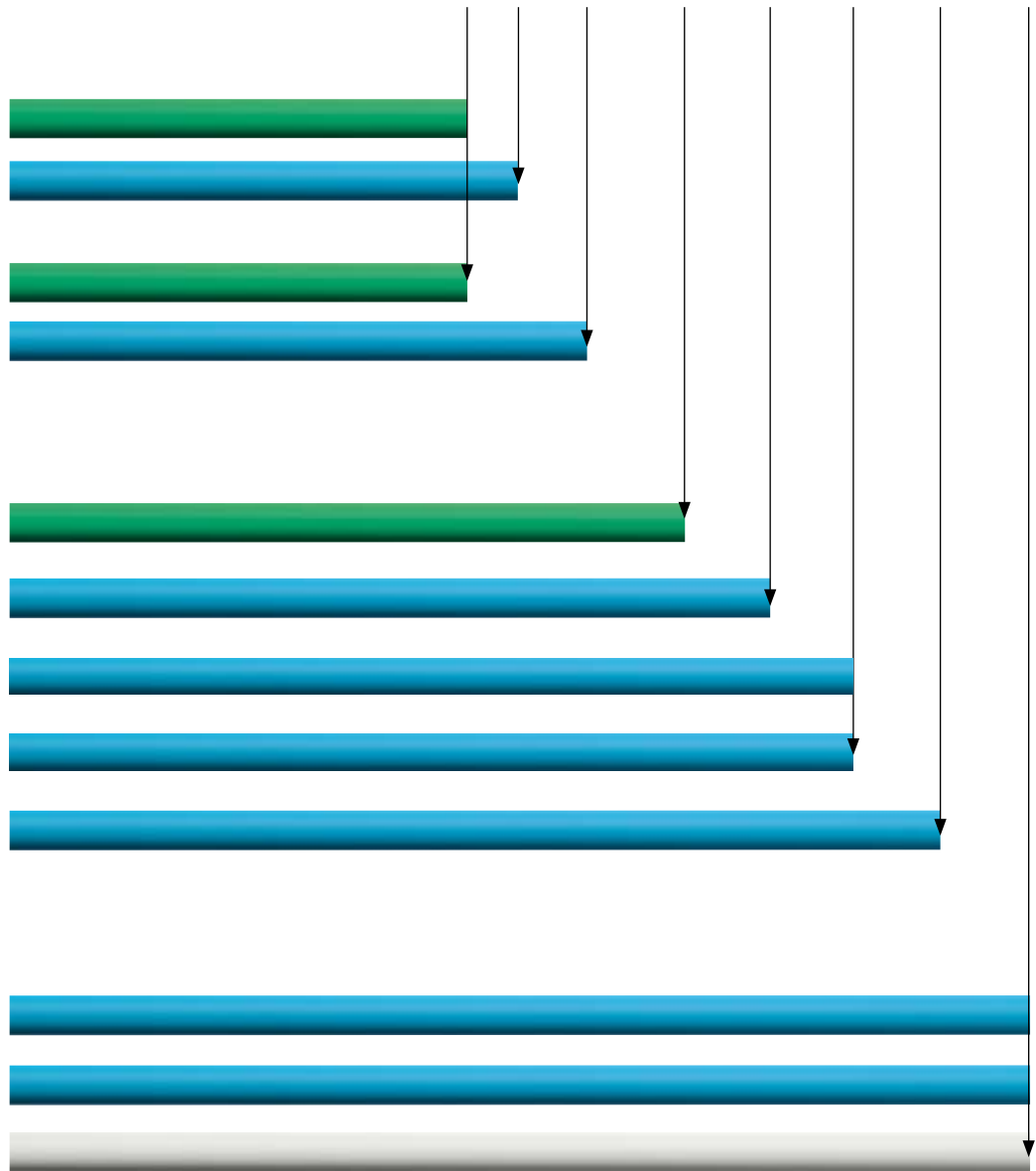
-  P110559 CL-C U/UTP
-  P120040 CL-MNC U/UTP
-  P120018 CL-C F/UTP
-  P120021 CL-MNC U/FTP

Cat 6_A

-  P120018 CL-C F/UTP
-  P83171 CL-MNC F/UTP
-  P118664 CL-MNC U/FTP
-  P120021 CL-MNC F/FTP
-  P139186 CL-MX F/FTP

Cat 7_A

-  P120023 CL-MNC F/FTP
-  P120021 CL-MNC S/FTP
-  P120954 CL-MNC S/FTP

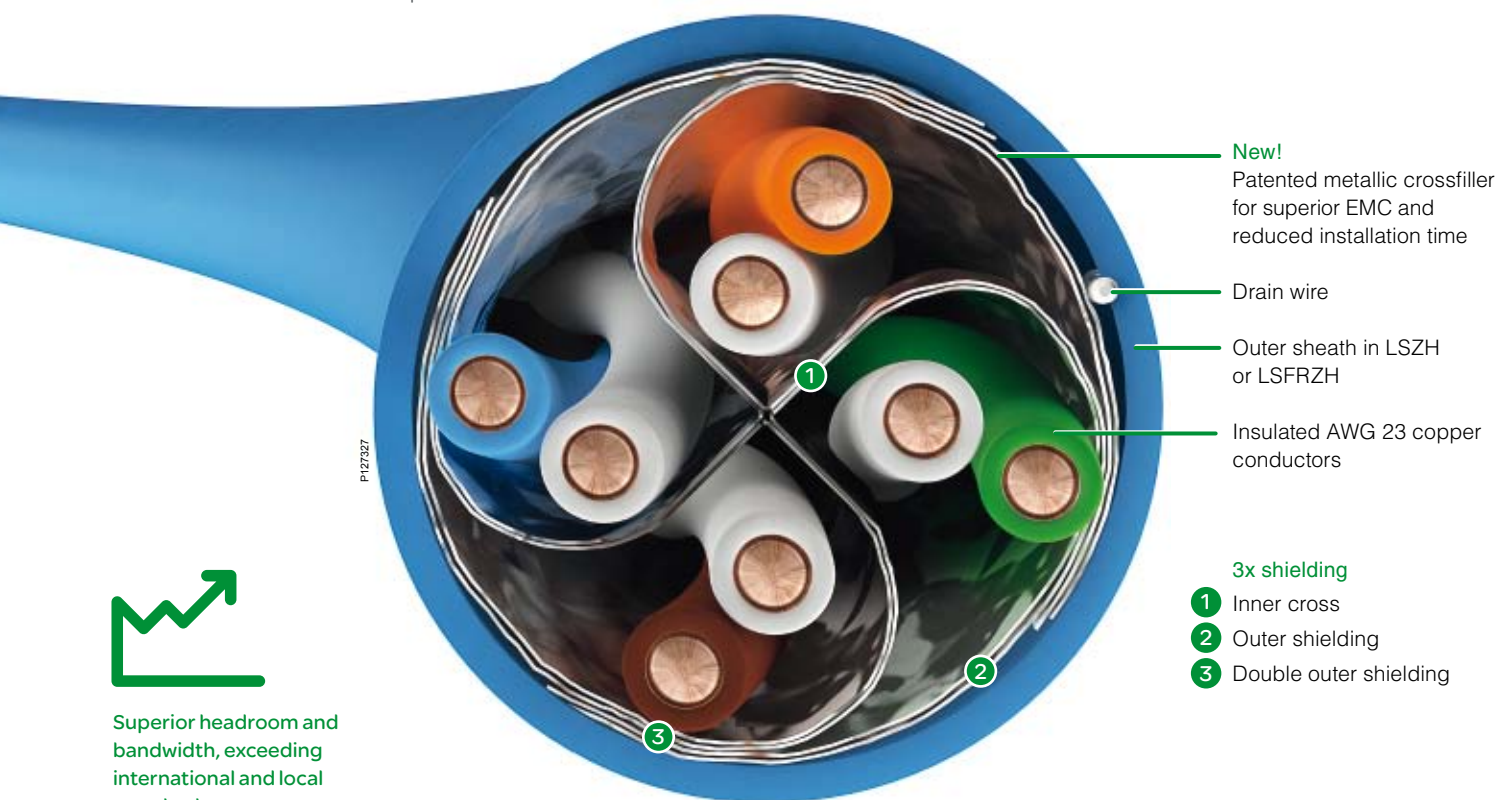


* Nominal characteristics given for 100 meters at maximum frequencies:
250 MHz for category 6, 500 MHz for category 6_A, 1000 MHz for category 7_A.

Actassi CL-MX cables

3 times improved performance with 1 new metallic crossfiller

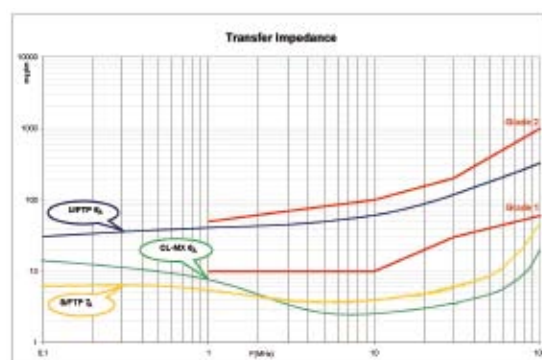
The patented crossfiller brings 3x shielding and superior Electro Magnetic Compatibility (EMC). Thanks to the unique design, the EMC performance is among the best in the market with performances exceeding the standard requirements for shielded cables with braid (S/FTP). The metallic crossfiller ensures an improved transfer impedance to fit requirements of sensitive areas where data transmission is critical. Best of all, Actassi CL-MX cables require less operations to be installed.



Superior headroom and bandwidth, exceeding international and local standards.

Designed for improved EMC

High-speed transmission protocols beyond 10 Gbit/s highlight ANEXT sensitivity and noise immunity as key performance factors for efficient, secure and robust installations. The single-foil structure of the metallic crossfiller acts like a triple screen protection around the copper twisted pairs. This specific design enhances EMC performances to reach grade 1 on the transfer impedance parameter, which is better than a shielded design with braid.





P127328



The fire properties are documented by standardized methods according to IEC 60332-1, IEC 60332-3C, IEC 60754-1 and IEC 60754-2.

Better link performance

With Actassi CL-MX the installations are easy and safe. According to the international standards for shielded LAN cables, the use of CL-MX cables will require less installation operations:

- No separation distance to power cabling*
- No ANEXT field testing

*EN 50174-2 to be referred

Improved safety in case of fire

Actassi CL-MX is available in two versions, the flame retardant LSZH and the fire retardant LSFRZH. Both are halogen-free. In case of fire, the result of using CL-MX is the reduction of the emissions of opaque smoke and acid gases. Thus, it helps reducing damages to equipment and allows people to escape from the building more easily.



P128280

Less cutting with Actassi CL-MX

P130057



Use the cable stripper tool and cut the outer sheath.

Cut the one single foil metallic crossfiller and remove it with a simple grip.

Your CL-MX is ready to connect.

Instead of separate wrapped-in foil pairs (like in traditional F/FTP or F/UTP cables), the Actassi CL-MX new crossfiller is wrapped in one single foil. This means less cutting and improved quality of the cable preparation. No need to pay attention to cutting the foils at exactly the same level, or to the length of the F/UTP plastic cross.

3x

Three times faster installation with Actassi CL-MX

Why traditional F/FTP cables are 3 times slower to install

P130058



Prepare your tools.

Use the cable stripper tool and cut the outer sheath.

Cut the outer foil.

Remove the foil.

Separate all pairs and the drain wire.

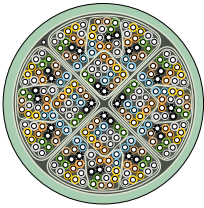
Cut and remove the foil of the first pair.

Cut and remove the foil of the second pair.

Cut and remove the foil of the third pair.

Cut and remove the foil of the fourth pair.

P119917



CL-C Cat 3 F/UTP Multi pair cable

Specifications

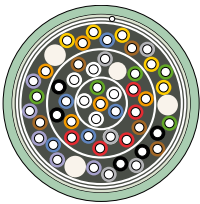
- 100 ohms, 16 MHz, AWG24, 128 twisted pairs with overall screen
- Compliant to IEC 61156-1 standard.

Use

- Phone backbone.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-----------|--------|-------------|-------------------|
| 128 pair cable | 759 kg/km | < 23.5 mm | LSZH | Drum/meter | VDIC235212 |

P119918



CL-C Cat 5 F/UTP Multi pair cable

Specifications

- 100 ohms, 100 MHz, AWG24, 25 twisted pairs with overall screen
- Organisation of the pairs in three levels (for 25 pairs) with aramid fibre.

Performances

- Compliant to ISO 11801, EN 50173 and IEC 61156-4 standard.

Use

- Phone backbone.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|---------------|-----------|----------|--------|-------------|-------------------|
| 25 pair cable | 210 kg/km | 13.6 mm | LSZH | Drum/meter | VDIC235225 |

Our multipair cables are sold in meters, from minimum 50 meters to 400 meters. Lengths between 400 and 500 m are always delivered in drums of 500 m.

P119659



CL-C Category 5e Copper LAN cables

CL-C Cat 5e U/UTP

Specifications

- 100 Ohms, 155 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen. Compatible with PoE standards (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and TIA/EIA-568-C.2 standards.

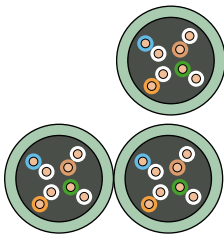
| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 100 MHz | 35.3 dB | ≥ 35.3 dB |

Use

- Network cabling systems for category 5 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|----------|-------------|--------|-------------|--------------------|
| 4 pair cable | 37 kg/km | 5.2 mm | LSZH | 305 m | VDIC115118 |
| | | | LSZH | 500 m | VDIC115218 |
| | | | PVC | 305 m | VDIC115118P |
| | | | PVC | 500 m | VDIC115218P |
| 2x4 pair cable | 74 kg/km | 5.2x11.4 mm | LSZH | 500 m | VDIC115228 |

P120014, P120013



P119661



CL-C Cat 5e F/UTP

Specifications

- 100 Ohms, 155 MHz, AWG24, 4 pairs or 2x4 twisted pairs without screen. Compatible with PoE standards (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 standards.

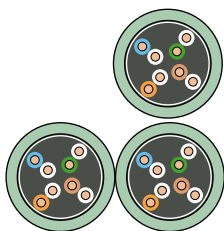
| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 100 MHz | 35.3 dB | ≥ 35.3 dB |

Use

- Network cabling systems for category 5 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|----------|-------------|--------|-------------|--------------------|
| 4 pair cable | 38 kg/km | 6.1 mm | LSZH | 305 m | VDIC135118 |
| | | | LSZH | 500 m | VDIC135218 |
| | | | PVC | 305 m | VDIC135118P |
| | | | PVC | 500 m | VDIC135218P |
| 2x4 pair cable | 76 kg/km | 6.1x13.2 mm | LSZH | 500 m | VDIC135228 |

P120016, P120015

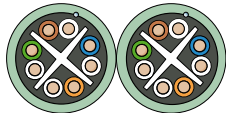




P119658



P110559



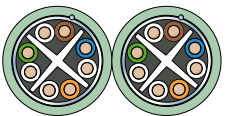
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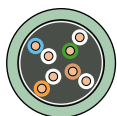
P120018



P120019



P119662



P120015

CL-C Category 6 Copper LAN cables

CL-C Cat 6 U/UTP

Specifications

- 100 ohms, 250 MHz, AWG23, 4 pairs or 2x4 pairs without screen
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2, EN 50288-6-1 and TIA/EIA-568-C.2 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 250 MHz | 39.3 dB | ≥ 39.3 dB |

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|----------|-------------|--------|-------------|-------------|
| 4 pair cable | 48 kg/km | 6.1 mm | LSZH | 305 m | VDIC116118 |
| | | | PVC | 305 m | VDIC116118P |
| | | | PVC | 500 m | VDIC116218P |
| 2x4 pair cable | 96 kg/km | 6.1x13.2 mm | LSZH | 500 m | VDIC116228 |

CL-C Cat 6 F/UTP

Specifications

- 100 ohms, 250 MHz, AWG24, 4 pairs or 2x4 pairs with overall screen. Cross filler to organize the pairs.
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 250 MHz | 39.3 dB | > 39.3 dB |

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|----------|--------|-------------|------------|
| 4 pair cable | 56 kg/km | 7.5 mm | LSZH | 500 m | VDIC136218 |
| | | | | 1000 m | VDIC136318 |
| 2x4 pair cable | 113 kg/km | 7x15 mm | LSZH | 500 m | VDIC136228 |
| 4 pair cable | 56 kg/km | 7.5 mm | LSZH | 1000 m | VDIC136318 |

CL-C Cat 6 SF/UTP

Specifications

- 100 ohms, 250 MHz, AWG23, 4 pairs with overall screen and metallic braid
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 250 MHz | 39.3 dB | > 39.3 dB |

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|--------------|----------|----------|--------|-------------|------------|
| 4 pair cable | 56 kg/km | 7.9 mm | LSZH | 500 m | VDIC176218 |



CL-C Category 6_A Copper LAN cables

CL-C Cat 6_A F/UTP

Specifications

- 100 ohms, 500 MHz, AWG24, 4 pairs or 2x4 pairs with overall screen
- Cross filler to organize the pairs
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 500 MHz | 34.8 dB | > 34.8 dB |

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-------------|--------|-------------|-------------------|
| 4 pair cable | 59 kg/km | 7.4 mm | LSZH | 500 m | VDIC13X218 |
| | | | | 1000 m | VDIC13X318 |
| 2x4 pair cable | 121 kg/km | 7.4x15.8 mm | LSZH | 500 m | VDIC13X228 |

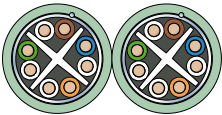


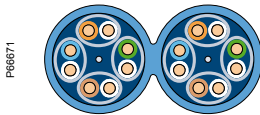
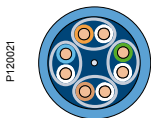
P119667

P120018



P120019





CL-MNC Category 6 Copper LAN cables

CL-MNC Cat 6 U/UTP

Specifications

- 100 ohms, 300 MHz, AWG23, 4 pairs without screen. Cross filler to organize the pairs
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2, EN 50288-6-1 and TIA/EIA-568-C.2 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 300 MHz | 44 dB | > 39.3 dB |

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|--------------|----------|----------|--------|-------------|------------|
| 4 pair cable | 48 kg/km | 6.3 mm | LSZH | 500 m | VDIC616218 |

CL-MNC Cat 6 U/FTP

Specifications

- 100 ohms, 300 MHz, AWG23, 4 pairs or 2x4 pairs with individual screens
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and EN 50288-5-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 300 MHz | 44 dB | > 39.3 dB |

Use

- Network cabling systems for category 6 voice & data applications. Data rates transmission: Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|----------|--------|-------------|------------|
| 4 pair cable | 56 kg/km | 7.5 mm | LSZH | 500 m | VDIC626218 |
| | | | | 1000 m | VDIC626318 |
| 2x4 pair cable | 113 kg/km | 7x15 mm | LSZH | 500 m | VDIC626228 |

CL-MNC Category 6_A Copper LAN cables

CL-MNC Cat 6_A U/UTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs without screen. Crossfiller to organise the pairs. Specific notched sheath
- NVP = 65 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standard.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 550 MHz | 37.2 dB | >34.8 db |

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|--------------|----------|----------|--------|-------------|------------|
| 4 pair cable | 79 kg/km | 8.5 mm | LSZH | 500 m | VDIC61X218 |



P119664



CL-MNC Cat 6_A F/UTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with overall screen. Specific cross filler to organize the pairs
- NVP = 70 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 550 MHz | 40 dB | > 34.8 dB |

Use

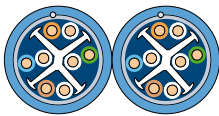
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-------------|--------|-------------|-------------------|
| 4 pair cable | 53 kg/km | 7.8 mm | LSZH | 500 m | VDIC63X218 |
| | | | | 1000 m | VDIC63X318 |
| 2x4 pair cable | 106 kg/km | 7.8x16.6 mm | LSZH | 500 m | VDIC63X228 |

P93171



P120022



P119665



CL-MNC Cat 6_A U/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 550 MHz | 67dB | > 34.8 dB |

Use

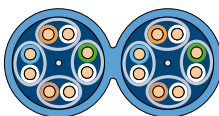
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-----------|--------|-------------|-------------------|
| 4 pair cable | 57 kg/km | 8.3 mm | LSZH | 500 m | VDIC62X218 |
| | | | | 1000 m | VDIC62X318 |
| 2x4 pair cable | 114 kg/km | 8.3x17 mm | LSZH | 500 m | VDIC62X228 |

P120021



P66671



P119666



CL-MNC Cat 6_A F/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and overall screen
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

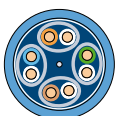
| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 550 MHz | 67dB | > 34.8 dB |

Use

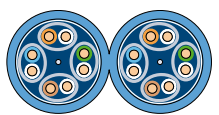
- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-------------|--------|-------------|-------------------|
| 4 pair cable | 57 kg/km | 8.3 mm | LSZH | 500 m | VDIC64X218 |
| | | | | 1000 m | VDIC64X318 |
| 2x4 pair cable | 114 kg/km | 7.9x16.8 mm | LSZH | 500 m | VDIC64X228 |

P120023



P66659

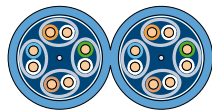




P119666



P120023



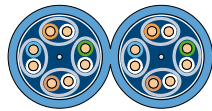
P68659



P119680



P120023



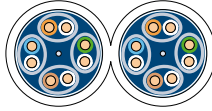
P68659



P123603



P123654



P123655

CL-MNC Category 7_A Copper LAN cables

CL-MNC Cat 7_A F/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and overall screen, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

| NEXT | Nominal | Standard IEC |
|----------|---------|--------------|
| 1000 MHz | 60.4 dB | > 60.4 dB |

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-------------|--------|-------------|------------|
| 4 pair cable | 57 kg/km | 7.9 mm | LSZH | 500 m | VDIC648218 |
| | | | | 1000 m | VDIC648318 |
| 2x4 pair cable | 106 kg/km | 7.9x16.8 mm | LSZH | 500 m | VDIC648228 |

CL-MNC Cat 7_A S/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and metallic braid, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 5028810-1 standards.

| NEXT | Nominal | Standard IEC |
|----------|---------|--------------|
| 1000 MHz | 60.4 dB | > 60.4 dB |

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-----------|--------|-------------|------------|
| 4 pair cable | 57 kg/km | 7.9 mm | LSZH | 500 m | VDIC658218 |
| | | | | 1000 m | VDIC658318 |
| 2x4 pair cable | 114 kg/km | 8.3x17 mm | LSZH | 500 m | VDIC658228 |

CL-MNC Cat 7_A S/FTP

Specifications

- 100 ohms, 1000 MHz, AWG23, 4 pairs and 2x4 pairs with individual screen and metallic braid, PiMF construction
- NVP = 80 %
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W
- Fire retardant properties according to IEC 60332-3C, NF C 32070 2.1, NF C 32070 2.2.

Performances

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

| NEXT | Nominal | Standard IEC |
|----------|---------|--------------|
| 1000 MHz | 60.4 dB | > 60.4 dB |

Use

- Network cabling systems for category 7_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|-------------|--------|-------------|---------------|
| 4 pair cable | 57 kg/km | 7.9 mm | LSFRZH | 1000 m | VDIC658318F01 |
| 2x4 pair cable | 114 kg/km | 7.9x16.8 mm | LSFRZH | 500 m | VDIC658228F01 |



P128513



P139186



P66250



CL-MX Category 6_A Copper LAN cables

CL-MX Cat 6_A F/FTP

Specifications

- 100 ohms, 550 MHz, AWG23, 4 pairs and 2x4 pairs with patented single-foil metallic crossfiller design
- Superior EMC performances: grade 1 Transfer Impedance
- Quick and simple twin removal actions for the sheath and the shield
- NVP = 82 %
- Fire retardant properties for LSFRZH version according to IEC 60332-3C, NF C 32070 2.1, NF C 32070 2.2
- Compatible with PoE (Power over Ethernet) and PoEP (Power over Ethernet Plus) which allow to supply equipments (IP phone, camera, WIFI hotspot...) until 13 W or 25 W.

Standards

- Compliant to EN 50173-1, ISO/IEC 11801: 2011 Ed2.2, IEC 61156-5 Ed2 and Draft EN 50288-10-1 standards.

| NEXT | Nominal | Standard IEC |
|---------|---------|--------------|
| 550 MHz | 67 dB | > 34.8 dB |

Use

- Network cabling systems for category 6_A voice & data applications. High data rates transmission: 10 Gigabit Ethernet, Gigabit Ethernet, 10/100 BaseT.

| Type | Weight | Diameter | Sheath | Cond/Length | Ref. No |
|----------------|-----------|---------------|--------|-------------|----------------------|
| 4 pair cable | 55 kg/km | 7.8 mm | LSZH | 500 m | VDIC68X218 |
| 4 pair cable | 55 kg/km | 7.8 mm | LSZH | 1000 m | VDIC68X318 |
| 2x4 pair cable | 110 kg/km | 7.8 mm x 16.8 | LSZH | 500 m | VDIC68X228 |
| 4 pair cable | 65 kg/km | 8.2 mm | LSFRZH | 500 m | VDIC68X218F01 |
| 4 pair cable | 65 kg/km | 8.2 mm | LSFRZH | 1000 m | VDIC68X318F01 |
| 2x4 pair cable | 130 kg/km | 8.2 mm x 17.4 | LSFRZH | 500 m | VDIC68X228F01 |

Tools

Cable stripper

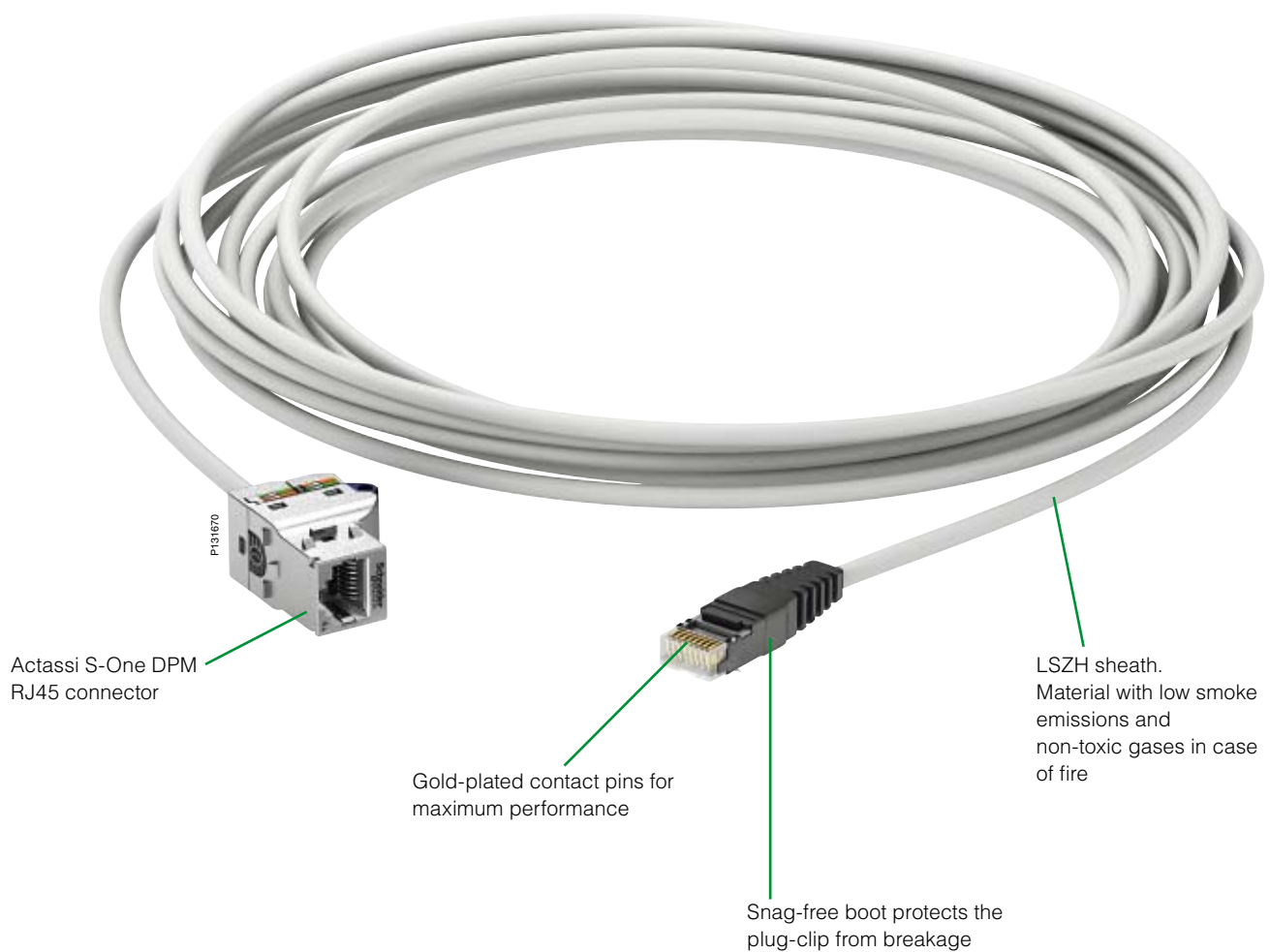
- Allow to strip the cable sheath
- Adapted to all Actassi cables (CL-C, CL-MNC and CL-MX) to fit all cable diameters and sheath thicknesses
- Recommended tool for fast preparation and installation of Actassi CL-MX cables.

| Type | EAN code | Ref. No |
|----------------|---------------|-------------------|
| Cable Stripper | 3606480186127 | VDIR580021 |

Actassi consolidation point links

Consolidation point links (called "CP-links") are aimed for new buildings, big refurbish and critical installations within technical and server rooms, either in false floor and false ceiling areas.

CP-links are used when it is needed to provide a high quality level and a high transmission link performance. The cable is pre-assembled with the Actassi S-One connector. No connection to do on site, just plug & play, which reduces errors and maintenance.



CP cabling links

Application

Ensures and gives transmission of data networks.

Specifications

■ CP link Cat 6_A, Cat 6 and Cat 5e are pre-assembled with the following components:

- S-One connector Cat 6_A
- cable Cat 6_A S/FTP (white colour)
- cable Cat 6 U/UTP and S/FTP
- cable Cat 5e U/UTP and F/UTP
- RJ45 Plug

- High performance: Cat 6_A for copper systems, standard & system warranty
- Compliant with: ISO/IEC 11801: 2011 Ed2.2, EN 50173 Ed.3, EIA/TIA 568-C.2, IEC 60603-7, IEC 61156-5
- Full latest standards Delta certified - EN 50173 Ed.3., EIA/TIA 568 - C.2.

Benefits

- Plug & play: 100 % pre-assembled and pre-tested link
- Available in 3 catalogue lengths: 5 m, 10 m, 15 m
- Quick and easy installation
- LSZH cable use
- Full compatibility for installations with Schneider Electric poles and posts.

CP Cabling link CL-C5e

| Type | Colour of sheath | Length (m) | Ref. No |
|-----------------------|--|------------|--------------|
| U/UTP Cat 5e LSZH DPM | Green | 5 | VDICP1500501 |
| | | 10 | VDICP1501001 |
| | | 15 | VDICP1501501 |
| F/UTP Cat 5e LSZH DPM | Color will depend on solution for cat 6 _A STP CP link | 5 | VDICP3500501 |
| | | 10 | VDICP3501001 |
| | | 15 | VDICP3501501 |

CP Cabling link CL-MNC6

| Type | Colour of sheath | Length (m) | Ref. No |
|----------------------|--|------------|--------------|
| U/UTP Cat 6 LSZH DPM | Green | 5 | VDICP1600501 |
| | | 10 | VDICP1601001 |
| | | 15 | VDICP1601501 |
| S/FTP Cat 6 LSZH DPM | Color will depend on solution for cat 6 _A STP CP link | 5 | VDICP4600502 |
| | | 10 | VDICP4601002 |
| | | 15 | VDICP4601502 |

CP Cabling link CL-MNC 6_A CP Cabling S/FTP Cat 6_A

| Type | Colour of sheath | Length (m) | Ref. No |
|-------------------------------|------------------|------------|--------------|
| LSZH cable with DPM connector | White | 5 | VDICP4X00501 |
| | | 10 | VDICP4X01001 |
| | | 15 | VDICP4X01501 |

P138750



P138750



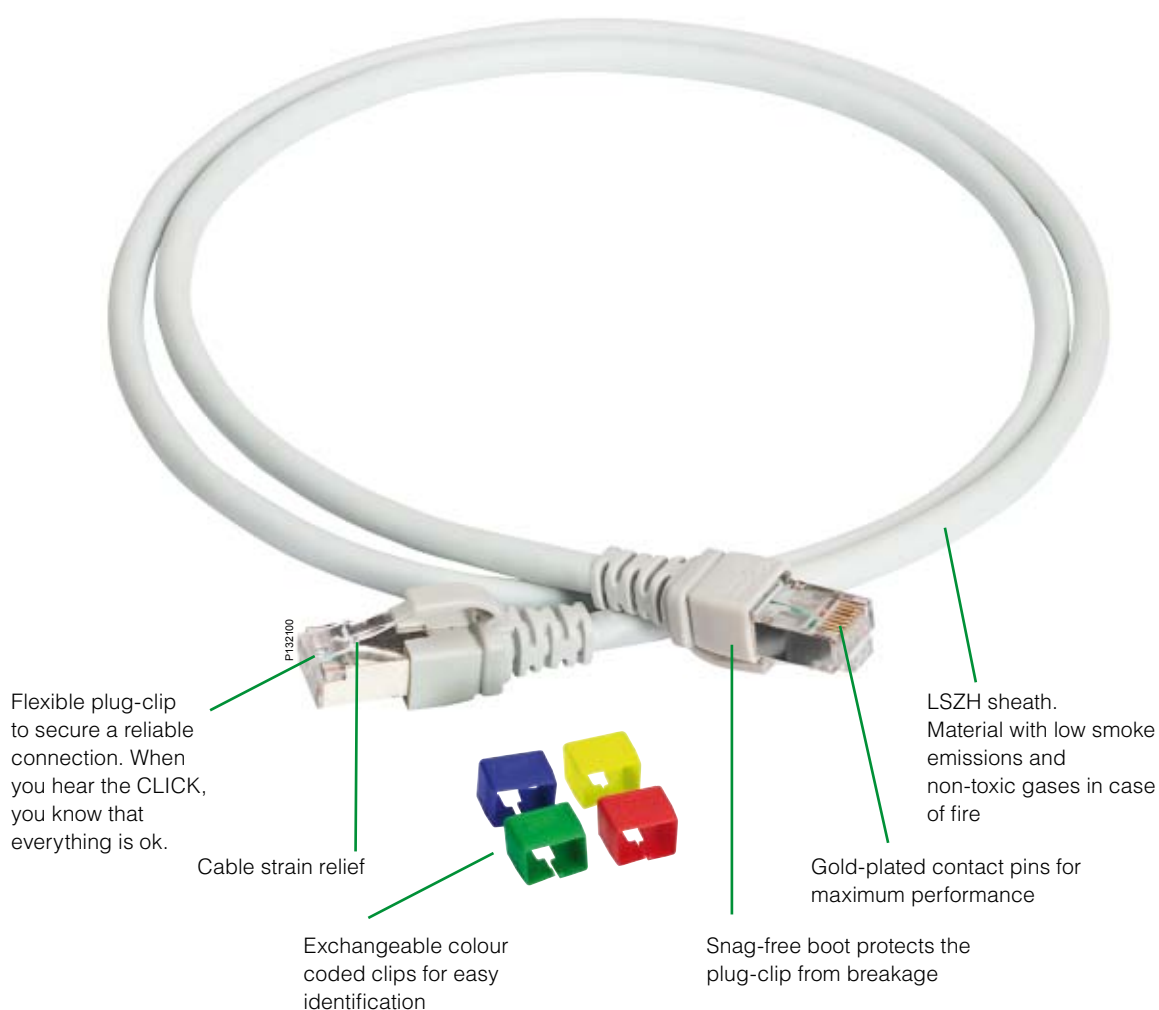
P131670



Actassi copper patch cords

Actassi copper patch cords ensure a reliable transmission in data networks. They are available in several lengths, from Cat 5e to Cat 6_A performances, covering both shielded and unshielded needs.

All patch cords are compliant with ISO/IEC 11801: 2011 Ed2.2. They are all Delta certified and also compliant to EN 50173ed.3. , EIA/TIA 568 - C.2, IEC 61935-2. Actassi copper patchcords provide safe plug & play with a high quality thanks to the performances, the LSZH sheath and the warranties.



CL-MNC Patchcords

Application

Ensures and gives transmission of data networks.

Performances

- High performance: from Cat 5e up to Cat 6_A for copper systems, standard & system warranty
- Compliant with: ISO/IEC 11801: 2011 Ed 2.2
- Full latest standards Delta certified - EN 50173 Ed.3. , EIA/TIA 568 - C.2, IEC 61935-2.

Specifications

- Low Smoke Zero Halogen (LSZH), 4 pairs, 100 ohms, pre-wired and tested in factory, with light grey colour design (RAL 7035)
- Connectors with grey overmoulding
- Snag-free connection to protect the plug-clip from breakage
- Network identification thanks to coloured clips
- Covers all needs for shielded and unshielded versions
- Individual packaging.

Patch cord U/UTP category 5e

Specifications

- 155 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 0.5 | VDIP181546005 |
| | | 1 | VDIP181546010 |
| | | 2 | VDIP181546020 |
| | | 3 | VDIP181546030 |
| | | 5 | VDIP181546050 |
| | | 10 | VDIP181546100 |



P131531

Patch cord F/UTP category 5e

Specifications

- 155 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 0.5 | VDIP184546005 |
| | | 1 | VDIP184546010 |
| | | 2 | VDIP184546020 |
| | | 3 | VDIP184546030 |
| | | 5 | VDIP184546050 |
| | | 10 | VDIP184546100 |



P131531

Patch cord U/UTP category 6

Specifications

- 250 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 0.5 | VDIP181646005 |
| | | 1 | VDIP181646010 |
| | | 2 | VDIP181646020 |
| | | 3 | VDIP181646030 |
| | | 5 | VDIP181646050 |
| | | 10 | VDIP181646100 |



P131531

Patch cord F/UTP category 6

Specifications

- 250 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 0.5 | VDIP184646005 |
| | | 1 | VDIP184646010 |
| | | 2 | VDIP184646020 |
| | | 3 | VDIP184646030 |
| | | 5 | VDIP184646050 |
| | | 10 | VDIP184646100 |



P131531

P131531



Patch cord U/UTP category 6_A

Specifications
 ■ 550 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 1 | VDIP181X46010 |
| | | 2 | VDIP181X46020 |
| | | 3 | VDIP181X46030 |
| | | 5 | VDIP181X46050 |

P131531



Patch cord S/FTP category 6_A

Specifications
 ■ 550 MHz, outer sheath LSZH.

| Type | Colour of sheath | Length (m) | Ref. No |
|---------|------------------|------------|---------------|
| 4 pairs | Grey | 1 | VDIP185X46010 |
| | | 2 | VDIP185X46020 |
| | | 3 | VDIP185X46030 |
| | | 5 | VDIP185X46050 |
| | | 10 | VDIP185X46100 |

P131532



Coloured clips

| Description | Packaging | Colour | Ref. No |
|----------------|-----------|--------|----------|
| Coloured clips | 10 | Blue | VDIP1811 |
| | | Yellow | VDIP1812 |
| | | Green | VDIP1813 |
| | | Red | VDIP1814 |

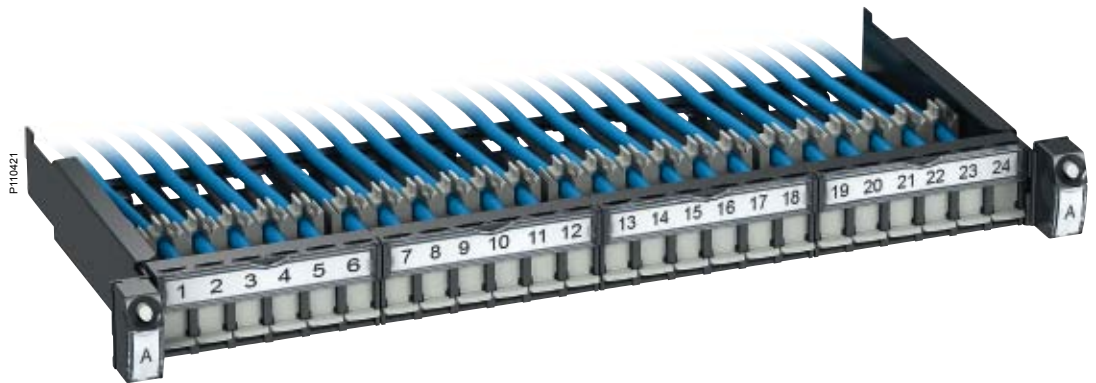


Panel range with S-One, S-One DPM and S-110 Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, shutters, label holders and a rear cable organizer. We try to make your life as easy as possible.

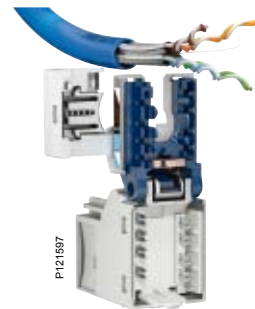


The data panel is available pre-equipped with the innovative S-One connectors.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.



Actassi S-One

The connectors are a one-piece design for very fast and reliable wiring. Actassi S-One exceeds component hardware certification for standards like ISO/IEC 11801: 2011 Ed2.2 for Cat 6_A, ensuring optimized network performance.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.



Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi flat high-density panels

The new Actassi 19" flat data panel with connectors placed at an angle gives a new dimension to high density – the panels can be mounted directly on top of each other, with no need of intermediate guiding panels. They are available empty without connectors or equipped with Cat 6_A STP connectors.



Quick Fix function
The panels are equipped with a Quick Fix function for a fast installation.



The flat data panel contain a configuration for 24 RJ45 connectors with a clear marking at both front and rear. The panels are easy to install thanks to the front access and the Quick Fix function. Use the vertical side rings for vertical management of the patch cords. Other features are the removable cable manager at the rear, the panel identification label and the hinged central label holder.



Vertical side rings
Vertical side rings and connectors at an angle gives a true high density installation. The overhead patching frame saves space in the enclosure below.



Connectors at an angle
Connectors placed at an angle combined with front access simplifies installation work.



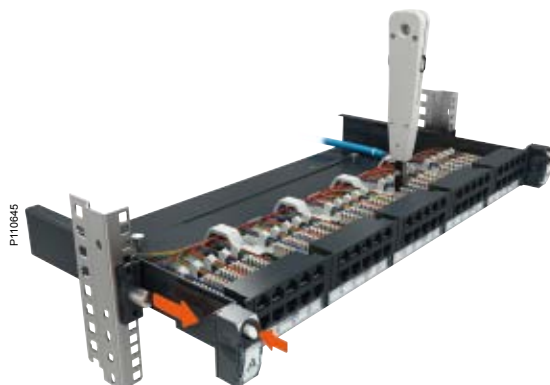
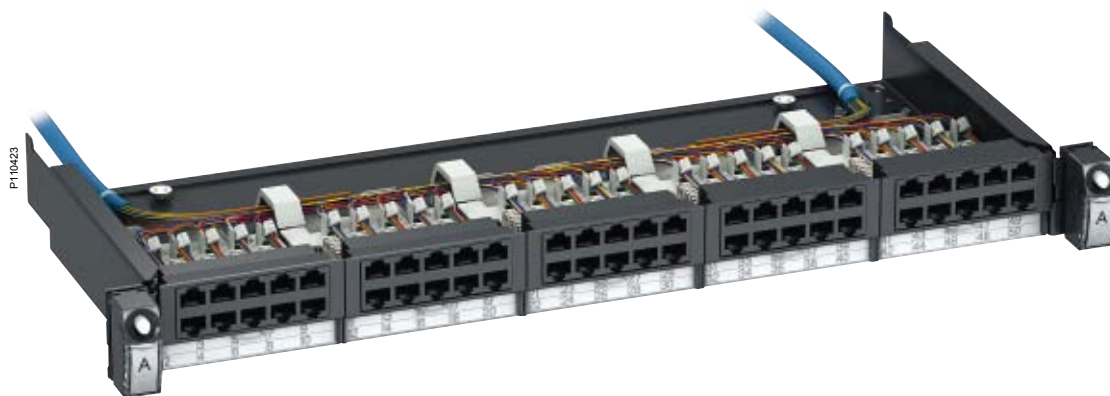
Clear front marking
Large identification labels for easy readability from ground level.



Cable management
The cable manager can be folded or removed. Hooks for cable ties for extra safety.

Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool
This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification
No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing
The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking
The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



P110464



Side rings for rack 800x800

Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



P110464



Vertical rings for rack 600 x 600

For the 600 x 600 racks, use the smaller tie up devices to keep your installations in neat order.



P110615

Empty sliding panel for S-One connectors 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 light grey shutters, 4 label holders, 1 rear cable organizer



| Description | Reference |
|---------------------------------|-------------|
| Empty panel 1U UTP 24 ports | VDIG112241U |
| Empty panel 1U FTP/STP 24 ports | VDIG112241F |

Basic version: without label holders and cable organizer



| Description | Reference |
|-----------------------------|-------------|
| Empty panel 1U UTP 24 ports | VDIG012241U |



| | |
|---------------------------------|-------------|
| Empty panel 1U FTP/STP 24 ports | VDIG012241F |
|---------------------------------|-------------|

Equipped sliding panel with S-One connectors 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 RJ45 S-One connectors (not mounted) and 24 light grey shutters, 4 label holders, 1 rear cable organizer

| Description | Reference |
|---|----------------------|
| Category 5e | |
| Equipped panel 1U with 24 RJ45 Cat 5e UTP | VDIG118241U50 |
| Equipped panel 1U with 24 RJ45 Cat 5e FTP | VDIG118241F50 |
| Category 6 | |
| Equipped panel 1U with 24 RJ45 Cat 6 UTP | VDIG118241U60 |
| Equipped panel 1U with 24 RJ45 Cat 6 STP | VDIG118241B60 |
| Category 6_A | |
| Equipped panel 1U with 24 RJ45 Cat 6 _A UTP | VDIG118241UX0 |
| Equipped panel 1U with 24 RJ45 Cat 6 _A STP | VDIG118241BX0 |

Basic version Pre-equipped with 24 S-One connectors (not mounted). Without shutters, label holders and cable organizer.

| Description | Reference |
|---|----------------------|
| Category 5e | |
| Equipped panel 1U with 24 RJ45 Cat 5e UTP | VDIG018241U50 |
| Equipped panel 1U with 24 RJ45 Cat 5e FTP | VDIG018241F50 |
| Category 6 | |
| Equipped panel 1U with 24 RJ45 Cat 6 UTP | VDIG018241U60 |
| Equipped panel 1U with 24 RJ45 Cat 6 STP | VDIG018241B60 |
| Category 6_A | |
| Equipped panel 1U with 24 RJ45 Cat 6 _A STP | VDIG018241BX0 |

P111249



P111252



Empty sliding panel for S-One DPM connectors 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar.

Evolution version: pre-equipped with 24 light grey shutters, 4 label holders, 1 rear cable organizer

| Description | Reference |
|--|--------------------|
| Empty panel for DPM connectors 1U UTP ports | VDIG111241U |
| Empty panel for DPM connectors 1U FTP/STP 24 ports | VDIG111241F |



Basic version: without label holders and cable organizer

| Description | Reference |
|--|--------------------|
| Empty panel for DPM connectors 1U FTP/STP 24 ports | VDIG011241F |

Equipped sliding panel with S-One DPM connectors 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions:
 - evolution: panels equipped with 24 shutters in light grey, 4 label holders, and one cable manager at the rear
 - basic: panels without shutters, label holders, cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Automatic earthing with the pre-equipped bus bar for FTP/STP versions.

Evolution version: pre-equipped with 24 RJ45 S-One DPM connectors (not mounted) and 24 light grey shutters, 4 label holders, 1 rear cable organizer

| Description | Reference |
|---|----------------------|
| Category 6 | |
| Equipped panel 1U with 24 RJ45 Cat 6 UTP | VDIG111241U60 |
| Equipped panel 1U with 24 RJ45 Cat 6 STP | VDIG111241B60 |
| Category 6_A | |
| Equipped panel 1U with 24 RJ45 Cat 6 _A UTP | VDIG111241UX0 |
| Equipped panel 1U with 24 RJ45 Cat 6 _A STP | VDIG111241BX0 |



Basic version Pre-equipped with 24 RJ45 S-One DPM connectors (not mounted). Without shutters, label holders and cable organizer.

| Description | Reference |
|---|----------------------|
| Category 6_A | |
| Equipped panel 1U with 24 RJ45 Cat 6 _A STP | VDIG011241BX0 |

Telecom panel 50 ports

- Telecom panel 50 ports in 2 rows
- 1U height
- The telecom cable wires are terminated in LSA punch down blocks on the PCB according to a clear numbering
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- With label holders
- Cable organizer at the rear with number identification.

P111256



| Description | Reference |
|------------------------|-------------------|
| Telecom panel 50 ports | VDIG141501 |

Empty fixed panel for S-110 connectors 1U 24 ports

- Empty fixed 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Panels equipped with 4 label holders and a metal tray cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting.

Evolution version: pre-equipped with 4 label holders and a metal tray cable manager

| Description | Reference |
|---|--------------------|
| Empty panel 1U for S-110 connectors Keystone UTP 24 ports | VDIG113241U |

P133075



Equipped fixed panel with S-110 connectors, Cat 5e and Cat 6 UTP, 1U 24 ports,

- Equipped fixed 19" copper panel (with connectors, pre-mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Panels equipped with 4 label holders and a metal tray cable manager
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting and dismounting.

Evolution version: pre-equipped with 24 RJ45 S-110 Keystone connectors (pre-mounted) and a metal tray cable manager

| Description | Reference |
|--|----------------------|
| Category 5e Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 5e UTP | VDIG113241U50 |
| Category 6 Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 6 UTP | VDIG113241U60 |

P133076



Equipped fixed panel with S-110 connectors, Cat 6_A UTP, 1U 24 ports

- Equipped fixed 19" copper panel (with connectors, pre-mounted)
- 1U height
- 24 RJ45 ports
- Panels equipped with 2 label holders and a cable manager
- The cable manager can rotate and be removed to ease the accessibility.

| Description | Reference |
|---|------------------------|
| Category 6_A Equipped panel 1U with 24 RJ45 S-110 connectors Keystone Cat 6 _A UTP | ACTPP6ATGU24NSS |

19-C Copper panels, high-density Range

Empty flat panel for S-One connectors in angle, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Empty flat 19" copper panel for connectors in angle (delivered without connectors)

| Description | Reference |
|--|-------------|
| Empty flat panel for connectors in angle 1U FTP/STP 24 ports | VDIG328241B |



Equipped flat panel with S-One connectors in angle, Cat 6_A STP, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Equipped flat 19" copper panel with connectors in angle (connectors included, not mounted)

| Description | Reference |
|---|---------------|
| Equipped flat panel with connectors in angle 1U with 24 RJ45 Cat 6 _A STP | VDIG328241BX0 |



Empty flat panel for S-One DPM connectors in angle, 1U 24 ports

- 1U height
- 24 RJ45 ports
- Allows high-density copper ports installation. Connectors are positioned in angle to guide the patch-cords to the vertical sides of the enclosure. The installation of copper ports is maximised as there is no need to consume rack units to mount horizontal guiding panels
- Recommended mounting with vertical side ring for vertical management of the patch-cords (reference VDIM189412)
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- Equipped with a label holder and a cable manager at the rear
- The cable manager can rotate and be removed to ease the accessibility
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 and PC
- Simple clicking the connectors for mounting
- Automatic earthing with pre-equipped bus bar.

Empty flat 19" copper panel for DPM connectors in angle (delivered without connectors)

| Description | Reference |
|--|-------------|
| Empty flat panel for DPM connectors in angle 1U FTP/STP 24 ports | VDIG321241B |



19-C Cable management and accessories

S-One, S-One DPM and S-110 ranges



Patch cord guiding panels

- Patch cord guiding panel
- 1U, 2U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- 4 openable rings
- Patch cord holder integrated inside the ring for opened position.

| Description | Reference |
|---|------------|
| Patch cord guiding panel 1U with 4 openable rings | VDIG188141 |
| Patch cord guiding panel 2U with 4 openable rings | VDIG188142 |



Brush guiding panel

- Patch cord guiding panel
- 1U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|-----------------------------------|------------|
| Patch cord brush guiding panel 1U | VDIG188201 |



Side rings for vertical management

- Rings for vertical management of patch cords, in horizontal and vertical position
- Openable
- For racks 800 x 800 mm and 600 x 600 mm
- Can be fixed on each side of any Quick Fix system panel or guiding panel
- Large capacity up to 48 cords.

| Description | Reference |
|---|------------|
| Horizontal ring for vertical management of patch cords, 1U, for rack 800x800 mm | VDIM189112 |
| Vertical ring for vertical management of patch cords, 2U, for rack 800x800 mm | VDIM189412 |
| Ring for vertical management of patch cords, using self-grip strip, for rack 600x600 mm | VDIM189111 |



Cable organizer

| Description | Reference |
|--|------------|
| Cable organizer for fixation of up to 24 cables inside the panel | VDIM11U001 |



Label holders for data panels

| Description | Reference |
|---|------------|
| Transparent label holders pack of 4 pcs | VDIM11U002 |



RJ45 Shutters

| Description | Reference |
|----------------------------------|------------|
| Shutters, blue, pack of 24 pcs | VDIM11U241 |
| Shutters, yellow, pack of 24 pcs | VDIM11U242 |
| Shutters, green, pack of 24 pcs | VDIM11U243 |
| Shutters, red, pack of 24 pcs | VDIM11U244 |
| Shutters, grey, pack of 24 pcs | VDIM11U246 |



Rack earthing kit

| Description | Reference |
|-----------------------------------|------------|
| Rack earthing kit, pack of 10 pcs | VDIM48E011 |

19-C Cable management and accessories

S-One, S-One DPM and S-110 ranges

P110146



Metal blank panel

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|----------------|------------|
| Blank panel 1U | VDIG188021 |

P110147



Metal shelf

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|--|------------|
| Shelf 1U, depth 250 mm, for max weight 15 kg | VDIG188011 |

P110577



Tool

- Punch Down Tool for LSA contacts, to use for Telecom panel cable connection.

| Description | Reference |
|------------------------------|------------|
| Punch down tool LSA Contacts | VDIB299001 |

P113144



Others

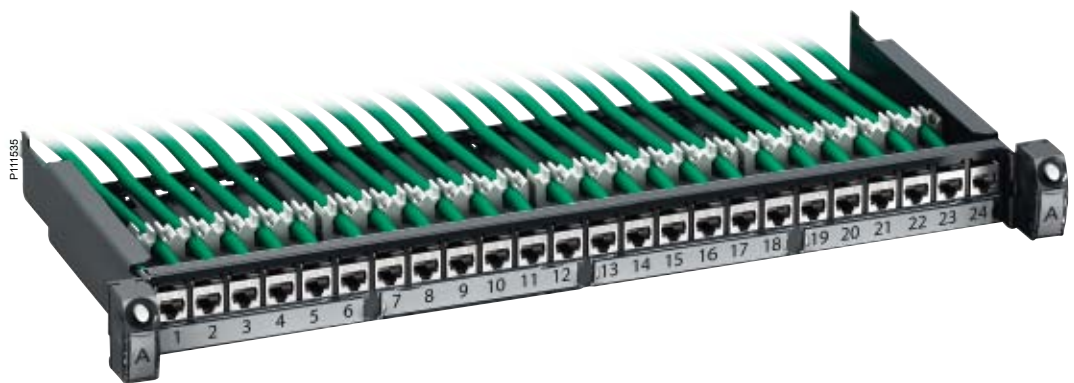
| Description | Reference |
|--|------------|
| Ericsson rack panel mounting accessory | VDIM18W001 |



Panel range with Croco DPM

Actassi data panels

The data panels contain a front configuration for 24 RJ45 connectors. All panels have the smart Quick Fix function. They are also available pre-equipped with connectors, label holders and a rear cable organizer. We try to make your life as easy as possible.



Pre-equipped

The data panel is also available pre-equipped with DPM connectors (cat 5/6/6_A) as an “all-in-one concept”.



Sliding helps installation

Maintenance and extensions are smoothly performed with the help of the Quick Fix sliding function.



Cable management

Apart from the systems with colour codes, labels and numbers, the technical setup at the rear of the panel is designed to enhance order. Cables of various diameters are easily mounted and kept in place in specified slots.



Rear position numbers

Keeping track of each RJ45 could sometimes be very hard. Actassi is changing all of that! The cable numbers at the rear correspond to those at the front, simplifying installation and maintenance from both sides of the rack.



Automatic earthing

An automatic earthing for FTP/STP versions is integrated in the panel.

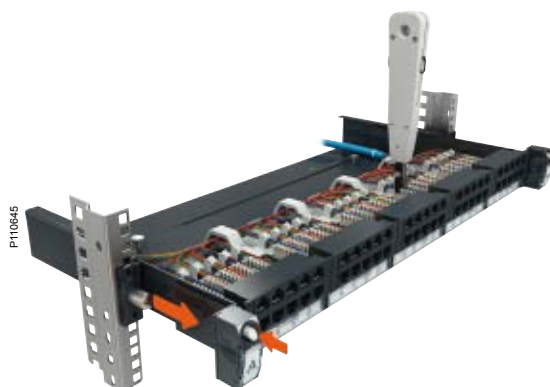
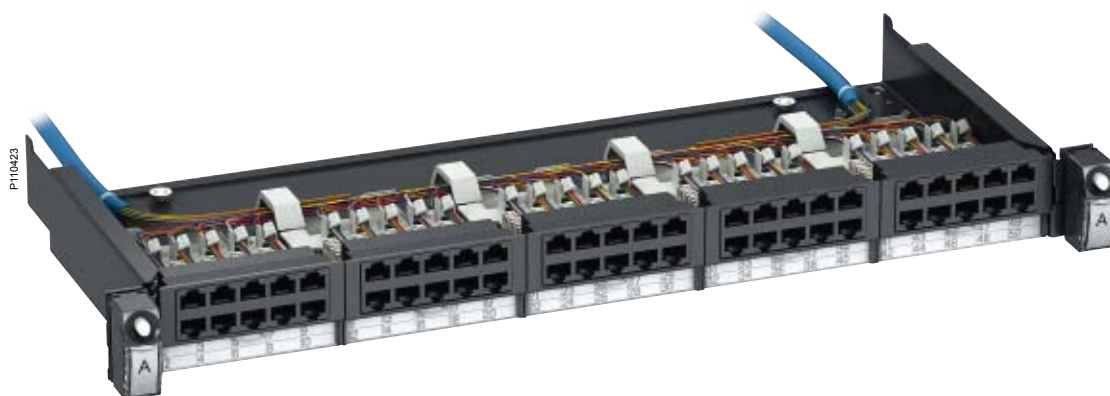


Clear front marking

Each panel plate has an openable label holder. Print your own labels or use the included versions with pre-printed port numbers. Each shutter can also be colour coded for quick identification in both open and closed positions.

Actassi telecom panels

The smart and high capacity 19" telecom patch panel provides up to 50 connections. Very easy fixation of the panel thanks to the Quick Fix function with guiding fingers and pre-mounted screws. The label holders are easily opened without using any tool.



Exceptional robustness

The sliding function does not deteriorate the stability. As a proof you can use the punch down tool for LSA contacts with the panel in a sliding-out position. You don't need to remove it from the rack first!



Punch down tool

This is the punch down tool for LSA contacts, to be used for telecom cable connections.



Cable identification

No need trying to figure out which cable goes where. The cable identification is very clear on the clever fixing guides.



Safe and easy earthing

The panel has two earthing connection points for both shielded cables and for the rack, easily accessible at the rear.



Clear marking

The telecom panel comes with pre-printed labels and openable label holders.

Power panels and accessories

The Actassi system also includes a range of power panels and smart accessories for improved cable management. The power panels are available in several versions, for example with a protected light switch and overvoltage protection. The innovative patchcords guiding panel is equipped with four openable rings, managing up to 48 cords.



Power panel

With Quick Fix function and 3 m of power cord. Several versions, for example with protected circuit breaker/earth leakage.



Brush and blank panel

Brush guiding panel. Blank panel instead of an empty gap in the rack.



Guiding panels for patch cords

The 1U panel manages 24 cords, and 2U panel 48 cords. Easily opened but still safe, since a clever device prevents cords from falling out. Also possible to pull out only one cord if needed.



Side rings for rack 800x800

Rings for vertical management of up to 48 patch cords, attached to each side of the guiding panel (or any panel with Quick Fix). Available for 1U and 2U.



Vertical rings for rack 600x600

For the 600x600 racks, use the smaller tie up devices to keep your installations in neat order.



Empty sliding panel 1U 24 ports

- Empty sliding 19" copper panel (without connectors)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions: Evolution and Basic
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Unmounting of connectors by using included tool
- Automatic earthing for STP versions.

Evolution version: pre-equipped with 4 label holders, 1 rear cable organizer

| Description | Reference |
|--|--------------------|
| Empty panel 1U UTP 24 ports for DPM connectors | VDIG11Y241U |
| Empty panel 1U STP 24 ports for DPM connectors | VDIG11Y241F |

Basic version: with port identification 1-24. Without label holders and cable organizer

| Description | Reference |
|--|--------------------|
| Empty panel 1U UTP 24 ports for DPM connectors | VDIG01Y241U |
| Empty panel 1U STP 24 ports for DPM connectors | VDIG01Y241F |

Equipped sliding panel 1U 24 ports

- Equipped sliding 19" copper panel (with connectors, not mounted)
- 1U height
- 24 RJ45 ports
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Available in two versions: Evolution and Basic
- Metal sheet: thickness 1.2 mm. Dark grey RAL 7016
- Plastic parts in PA66 GF20 or PA6
- Simple clicking connectors for mounting
- Unmounting of connectors by using included tool
- Automatic earthing for STP versions.

Evolution version: pre-equipped with 24 RJ45 connectors (not mounted), 4 label holders, 1 rear cable organizer

| Description | Reference |
|---|----------------------|
| Category 5e Equipped panel 1U with 24 RJ45 Cat 5 UTP DPM connectors | VDIG11Y241U50 |

| | |
|---|----------------------|
| Category 5e Equipped panel 1U with 24 RJ45 Cat 5 STP DPM connectors | VDIG11Y241B50 |
|---|----------------------|

| | |
|--|----------------------|
| Category 6 Equipped panel 1U with 24 RJ45 Cat 6 UTP DPM connectors | VDIG11Y241U60 |
|--|----------------------|

| | |
|--|----------------------|
| Category 6 Equipped panel 1U with 24 RJ45 Cat 6 STP DPM connectors | VDIG11Y241B60 |
|--|----------------------|

P111254



P111259



P111255



P111253



P111255



P111257



19-C Copper panels

Croco DPM footprint

Telecom range

Evolution version: pre-equipped with 24 RJ45 connectors (not mounted), 4 label holders, 1 rear cable organizer (cont.)

| Description | Reference |
|---|----------------------|
| Category 6_A Equipped panel 1U with 24 RJ45 Cat 6 _A STP DPM connectors | VDIG11Y241BX0 |

P111258



Basic version: pre-equipped with 24 RJ45 connectors (not mounted). With port identification 1-24. Without label holders and cable organizer

| Description | Reference |
|---|----------------------|
| Category 5e Equipped panel 1U with 24 RJ45 Cat 5 UTP DPM connectors | VDIG01Y241U50 |

P111261



| | |
|---|----------------------|
| Category 5e Equipped panel 1U with 24 RJ45 Cat 5 STP DPM connectors | VDIG01Y241B50 |
|---|----------------------|

P111263



| | |
|--|----------------------|
| Category 6 Equipped panel 1U with 24 RJ45 Cat 6 UTP DPM connectors | VDIG01Y241U60 |
|--|----------------------|

P111261



| | |
|--|----------------------|
| Category 6 Equipped panel 1U with 24 RJ45 Cat 6 STP DPM connectors | VDIG01Y241B60 |
|--|----------------------|

P111264



| | |
|---|----------------------|
| Category 6_A Equipped panel 1U with 24 RJ45 Cat 6 _A STP DPM connectors | VDIG01Y241BX0 |
|---|----------------------|

P111265



Telecom panel 50 ports

- Telecom panel 50 ports in 2 rows
- 1U height
- The telecom cable wires are terminated in LSA punch down blocks on the PCB according to a clear numbering
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- With label holders
- Cable organizer at the rear with number identification.

| Description | Reference |
|------------------------|-------------------|
| Telecom panel 50 ports | VDIG141501 |

P111256



19-C Cable management and accessories

Croco DPM range



Patch cord guiding panels

- Patch cord guiding panel
- 1U, 2U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position
- 4 openable rings
- Patch cord holder integrated inside the ring for opened position.

| Description | Reference |
|---|------------|
| Patch cord guiding panel 1U with 4 openable rings | VDIG188141 |
| Patch cord guiding panel 2U with 4 openable rings | VDIG188142 |

Brush guiding panel

- Patch cord guiding panel
- 1U
- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|-----------------------------------|------------|
| Patch cord brush guiding panel 1U | VDIG188201 |

Side rings for vertical management

- Rings for vertical management of patch cords, in horizontal and vertical position
- Openable
- For racks 800 x 800 mm and 600 x 600 mm
- Can be fixed on each side of any Quick Fix system panel or guiding panel
- Large capacity up to 48 cords.

| Description | Reference |
|---|------------|
| Horizontal ring for vertical management of patch cords, 1U, for rack 800x800 mm | VDIM189112 |
| Vertical ring for vertical management of patch cords, 2U, for rack 800x800 mm | VDIM189412 |
| Ring for vertical management of patch cords, using self-grip strip, for rack 600x600 mm | VDIM189111 |

Cable organizer

| Description | Reference |
|--|------------|
| Cable organizer for fixation of up to 24 cables inside the panel | VDIM11U001 |

Label holders for data panels

| Description | Reference |
|---|------------|
| Transparent label holders pack of 4 pcs | VDIM11U003 |

Rack earthing kit

| Description | Reference |
|-----------------------------------|------------|
| Rack earthing kit, pack of 10 pcs | VDIM48E010 |



P110145

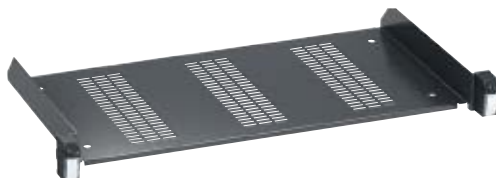


Metal blank panel

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|----------------|------------|
| Blank panel 1U | VDIG188021 |

P110147



Metal shelf

- 1 Quick Fix function on both sides to allow a simple, quick fixing position.

| Description | Reference |
|--|------------|
| Shelf 1U, depth 250 mm, for max weight 15 kg | VDIG188011 |

P110577



Tool

- Punch Down Tool for LSA contacts, to use for Telecom panel cable connection.

| Description | Reference |
|------------------------------|------------|
| Punch down tool LSA Contacts | VDIB299001 |

P113144



Others

| Description | Reference |
|--|------------|
| Ericsson rack panel mounting accessory | VDIM18W001 |

19" power panel 16 A/250 V

- Profile: 1U height ALU Anodize
- Sockets: 2-pole with earthing contact 16 A/3680 W, AC 250 V, IP20, colour RAL 7016, plastic material: PA6 GF30
- 1 Quick Fix function on both sides to allow a simple, quick fixing position fitted with 3 m length power cord
- Supplied with personalized cable identification labels.

Standard

| Description | Reference |
|--|-------------------|
| Power panel 9 x French outlets according to NF C 61314 | VDIG161911 |
| Power panel 9 x Schuko outlets according to DIN 49 440 | VDIG161931 |
| Power panel 9 x Danish outlets according to DS/IEC 60884-1 | VDIG161941 |
| Power panel 9 x Danish outlets EDB according to DS/IEC 60884-1 | VDIG161951 |

With protected light switch

| Description | Reference |
|--|-------------------|
| Power panel 8 x French outlets according to NF C 61314 | VDIG162711 |
| Power panel 8 x Schuko outlets according to DIN 49 440 | VDIG162731 |
| Power panel 8 x Danish outlets according to DS/IEC 60884-1 | VDIG162841 |

With protected light switch + overvoltage protection

- Short circuit protection 6.5 kA
- Protection level Up 1.5 kV
- Optic signal for function (green)
- Optic signal for defect (orange).

| Description | Reference |
|--|--------------------|
| Power panel 7 x French outlets according to NF C 61314 | VDIG164711 |
| Power panel 7 x Schuko outlets according to DIN 49 440 | VDIG164731 |
| Power panel 7 x Danish outlets 10 amp. according to DS/IEC 60884-1 | VDIG1647411 |



With circuit breaker/earth leakage 230 V, 16 A, 30 mA

| | Description | Reference |
|---------|--|-------------|
| P110142 | Power panel 6 x French outlets according to NF C 61314 | VDIG163611 |
| P110674 | Power panel 6 x Schuko outlets according to DIN 49 440 | VDIG163631 |
| P110673 | Power panel 6 x Danish outlets 10 amp. according to DS/IEC 60884-1 | VDIG1636411 |





Actassi Fibre solution

| | |
|--|-----|
| FL-C Pre-Term optic..... | 91 |
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Actassi fibre optic cables. Part of a total solution.

Actassi Fibre LAN cables are an important part of our total Network Connectivity solution that also includes panels, enclosures, connectors etc. All Network Connectivity products are specially designed to work perfectly together with complementary Schneider Electric products like trunking, poles, boxes and wiring devices in order to deliver true and seamless end-to-end connectivity.



The Fibre LAN offer covers needs for all kinds of LAN installations:

Campus (between buildings), Building backbones (between technical rooms) and Distribution (from technical rooms to workstations).

Actassi network connectivity

- 1 Enclosures
- 2 Panels for data, fibre optic and telecom
- 3 Fibre LAN backbone cables
- 4 Copper LAN and Fibre LAN distribution cables
- 5 Fibre LAN campus cables
- 6 Fibre data sockets in trunking
- 7 Fibre data sockets in posts
- 8 Fibre data sockets in floor boxes

A complete product portfolio for LAN installations

The Fibre LAN range offers a complete product portfolio for LAN installations. Providing the best support for high-speed data networks the fibre LAN range complements our Copper LAN offer. Optic cables, patchcords, connectors, tools and accessories are part of the Fibre LAN offer.



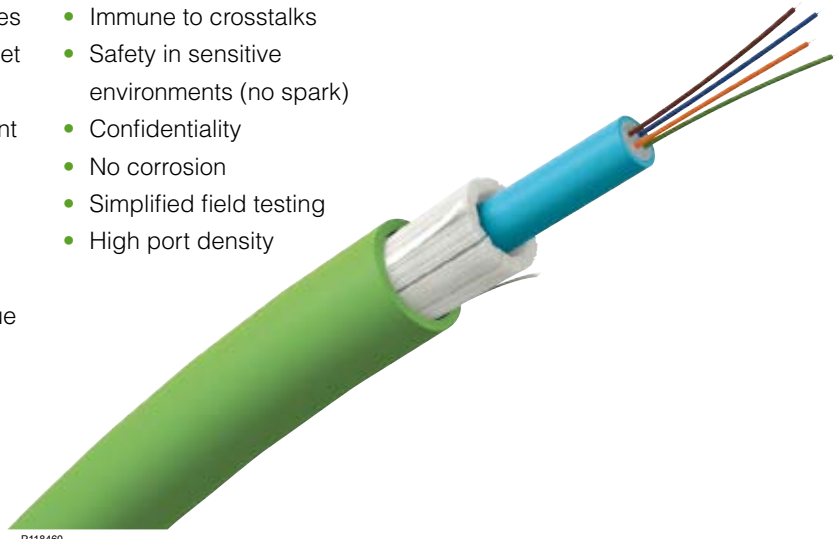
The Actassi 19" fibre optic panel is one of the most installation and user-friendly panels on the market. Quick-fix, sliding function, integrated guiding panel, excellent protection and clear marking, coiling wheels and much more.

3

Fibre optic technology offers several advantages



- Very high data rates
- Flexible, reliable network works
- Very low & constant attenuation
- Long distances (up to 40 km)
- No EMC rules
- No grounding issue
- Immune to crosstalks
- Safety in sensitive environments (no spark)
- Confidentiality
- No corrosion
- Simplified field testing
- High port density



Fibre optic performances

Actassi Fibre LAN is a reliable and robust solution for high-speed data networks. The range includes both OM1, OM2 and OM3, but also OM4 and OS2 following the latest standards.

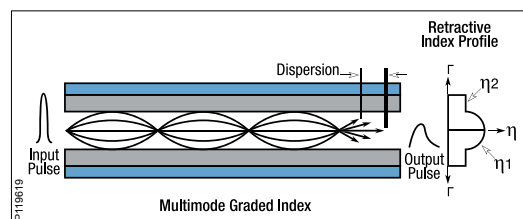
Fibre LAN performances in brief

- Supports all kinds of network applications like 10 Gigabit/s Ethernet, Gigabit/s Ethernet, FastEthernet, Ethernet.
- Guarantees the compatibility with LAN active components.
- Compliant with international LAN optic transmission standards
- Available in multimode and single-mode, adapted to all LAN active equipments using LED, VCSEL and LASER technologies.

Two types of fibres: Multimode and Single-mode

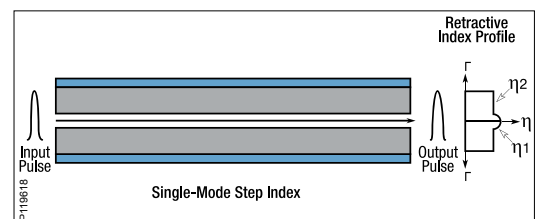
Multimode (OM1,OM2, OM3, OM4)

- 4 ranges of multimode optic fibres performances: OM1 62.5/125, OM2 50/125, OM3 50/125 and OM4 50/125. Meeting the markets needs up to 10 Gigabit/s.
- OM4 50/125 performance. Meeting the markets needs for speeds beyond 40 Gigabit/s and 100 Gigabit/s.
- High bandwidth. Optimized to increase the maximum optic link distance at both operating wavelengths (850 nm and 1300 nm).
- Low attenuation. Optimized to decrease the signal attenuation at both operating wavelengths (850 nm and 1300 nm).

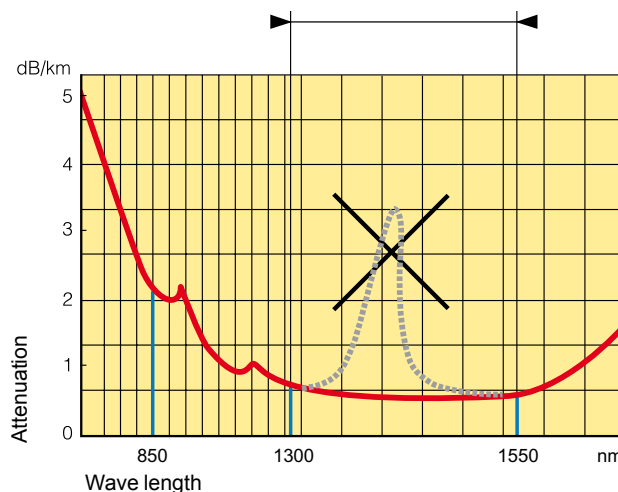


Single-mode (OS1/OS2)

- Single-mode optic fibres performances: OS1/OS2 9/125. Meeting the markets needs for all single-mode applications.
- Low Water Peak and PMD. Optimized to decrease the signal attenuation between 1260 to 1625 nm allowing for multiplexing (modern optical transmission technologies like DWDM).

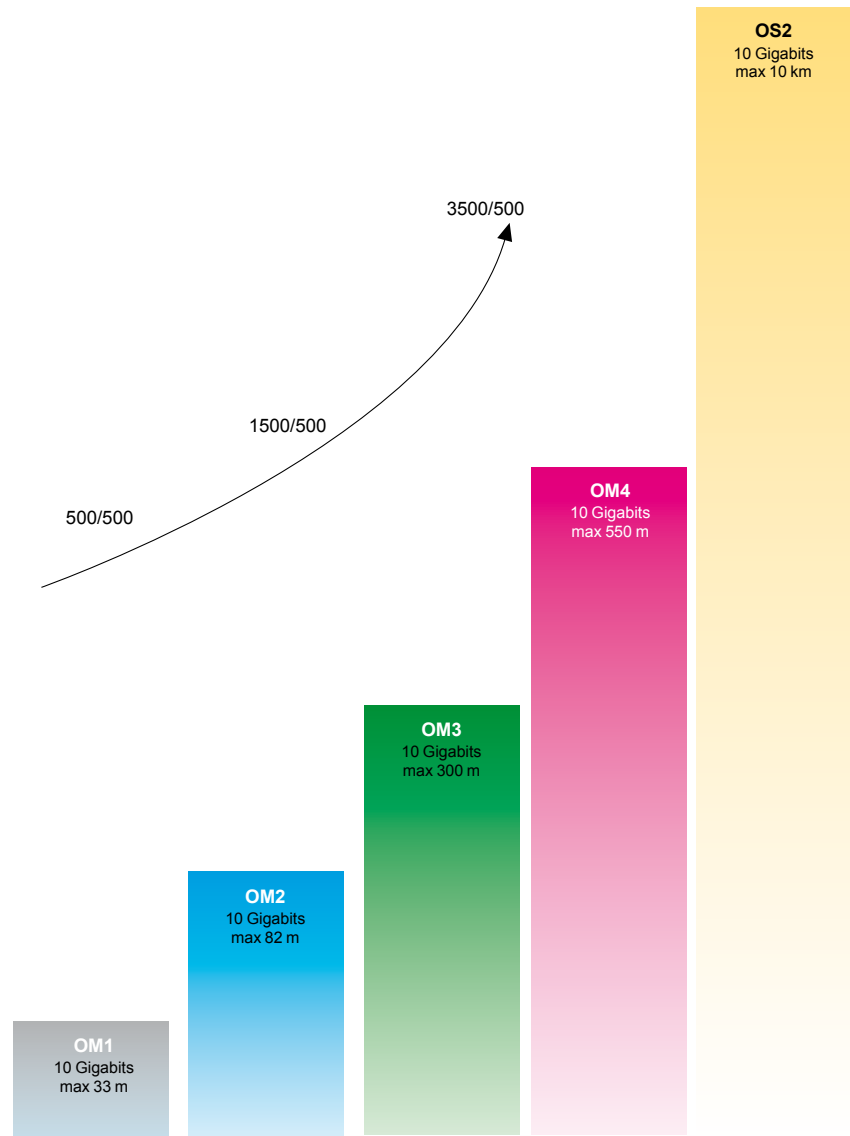


Full Spectrum Fibre





Supports all kinds of network applications



| Applications | Wavelength | Multimode fibre | | | | Singlemode fibre |
|--------------------------------|--------------------|-----------------|---------------|---------------|---------------|------------------|
| | | OM1 62.5/125 µm | OM2 50/125 µm | OM3 50/125 µm | OM4 50/125 µm | OS2 9/125 µm |
| Overfilled Bandwidth (MHz.km) | OFL 850/1300 nm | 200/500 | 500/500 | 1500/500 | 3500/500 | - |
| 100 Gbit/s *Draft IEEE 802.3ba | | - | - | 100 m | 125 m | 10 km / 40 km |
| 40 Gbit/s *Draft IEEE 802.3ba | | - | - | 100 m | 125 m | 10 km / 40 km |
| 10 Gbit/s (10GBASE-SR/SW) | VCSEL 850 nm | 33 m | 82 m | 300 m | 550 m | - |
| 10 Gbit/s (10GBASE-LX4) | LASER 1300 nm | | 300 m | 300 m | 300 m | - |
| 10 Gbit/s (10GBASE-LRM) | LASER WDM 1300 nm | | 220 m | 220 m | 220 m | - |
| 10 Gbit/s (10GBASE-LR/LW) | LASER 1310 nm | | - | - | - | 10 km |
| 10 Gbit/s (10GBASE-ER/VEW) | LASER 1550 nm | | - | - | - | 40 km |
| 1 Gbit/s (1000BASE-SX) | VCSEL 850 nm | 275 m | 550 m | 1000 m | 1100 m | - |
| 1 Gbit/s (1000BASE-LX) | LASER 1300/1310 nm | 550 m | 550 m | 550 m | 600 m | 5 km |
| 100 Mbit/s (100BASE-SX) | VCSEL 850 nm | 300 m | 300 m | 300 m | 300 m | - |
| 100 Mbit/s (100BASE-LX) | LASER 1300/1310 nm | 2000 m | 2000 m | 2000 m | 2000 m | >20 km |

Actassi fibre optic connectors and pigtails

Wide range of fibre optic connectors, pigtails and accessories to support all the needs required for connecting fibre to fibre, and fibre to connector inside optic patch panels and/or at workstation.

Performances

| SC connectors | LC connectors | ST connectors |
|--|---|--|
| Compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2 | Compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2 | Compliant with TIA/EIA 604-2 and IEC 61754-2 |

Choice guide

| Type of products | Prefered connection | Ferrule type | Recommended application | Installation time | | Required skills and equipment | |
|--------------------------------------|---|--------------|--|-------------------|-----------|-------------------------------|---|
| Unicam connectors | Connector to Tight buffered cable | Ceramic | Field installable No Epoxy No Polish | | 1 minute | | Toolkit |
| Cold cured/ Heat cured connectors | Connector to Tight buffered and Loose Tube cables | Ceramic | Field installable Epoxy and Polish required | | 4 minutes | | Know how + Toolkit + Oven if heat cured |
| Pigtails | Loose tube Fibre to Loose tube Fibre | Ceramic | Field installable Splicing equipment | | 3 minutes | | Know how + splicing equipment" |
| Campsplice | Loose tube Fibre to Loose tube Fibre | Ceramic | Emergency restoration | | 3 minutes | | Toolkit |

Minimum installation time

Medium installation time

Maximum installation time

Minimum skills and equipment

Medium skills and equipment

Maximum skills and equipment



Actassi fibre optic solutions

Network Connectivity solutions are key in your data centre to answer your environment constraints. Indeed you have to deal space optimization, MACs, high bandwidth requirements for your active and passive components, security, and CAPEX reduction. In that direction, from Standard Building to Data centre applications, Schneider Electric introduces complete Fibre Optic solutions to cover your needs at all levels.



Schneider Electric introduces complete Fibre Optic solutions to cover your needs at all levels.

Data centre environment evolution and key trends are driving the market

Cloud Computing trends with a significant increase of Big Data volume for the next years

- High bandwidth requirements for computing and core networking applications is growing steadily towards from 10 G to 40 and 100 Gbits
- Higher reliability and security needs: in data centre system downtime cannot be accepted and has to be 100 % under control not to happen

Consolidation, automatization, virtualization of data centres

- Effective optimization of data centre space
- Effective cable management: Slack

management is very important as well as ease airflow to relieve congestion in pathways and spaces

- Capacity planning, Infrastructure management improvements
- Rapid moves, adds and changes (MACs) need to be facilitated

Externalisation with the increase of colocation data centres types

- CAPEX and OPEX reduction Energy

Actassi seamless end-to-end network connectivity



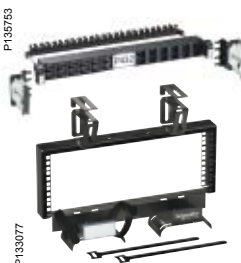
Actassi is a global and scalable network connectivity infrastructure solution for buildings and data centres. It's easy to install, easy to operate and is certified by a third-party independent laboratory at the highest Cat 6_A international standards.

Actassi Standard offer



A complete range of RJ45 connectors, 19" panels, cables and enclosures.

Actassi Specific Data Centre offer



19" flat high-density panels and an innovative overhead patching frame.

Actassi FL-C Pre-Term optic



Pre-terminated fibre optic offer including panels, cassettes and links.

Actassi Iris



An optical cabling system with the highest port density on the market.

Actassi fibre optic solutions for all your needs

Actassi Iris



Large data centres

Actassi FL-C Pre-Term Optic



Large buildings, medium & small data centres

Actassi FL-C Standard panel



Large & high productivity buildings

| | | | |
|-----------------------------------|---|---|--|
| | From 1 to 5 racks 10 G Ready | From 5 to 100 racks 40 G Ready | > 100 racks 100 G Ready |
| Data centre type | Small server rooms, Network closet | Finance, IT, Enterprise Corporate, Colocation, Public sectors | Finance, Colocation sectors |
| Performance | OM3 / OM4 / OS2 | | |
| Density Fibre capacity | 48 fibres | Classic -> 96 fibres in 1U MTP -> 576 fibres in 1U | Classic -> 576 fibres in 4U MTP -> 576 fibres in 1U |
| Connectivity type | – | MTP - 12 or 24 fibres | |
| Key features | <ul style="list-style-type: none"> Standard sliding 24 ports fibre optic panel Standard fibre cabling Day-to-day | <ul style="list-style-type: none"> 19" panels and pre-connectorized cassettes / links Bend insensitive fibre C Polarity, not compatible with IRIS offer Secured delivery time for projects x3 faster compared to standard installation Project mode | <ul style="list-style-type: none"> Fibre system with Corning Technology partnership, high end drawer style integrated Clearcurve fibre Universal polarity, not compatible with FL-C offers 25 % faster MAC's (reversible boots) 35 % faster to install Turnkey solutions energy efficiency, cooling, space optimization |

Actassi FL-C Pre-Term Optic



Answering to your high density and high reliability needs

Actassi Pre-Term Optic is a new Schneider Electric solution for data centres and IT room applications, covering the following requirements:

100 %

100 % pre-assembled and pre-tested in factory.



Plug & play fibre optic solution.

High density and performance for data centres

- Up to 96 ports in 1U, up to 576 fibres
- MTP connector: MPO technical evolution which guarantees better robustness
- OM3, OM4, OS2, Bend Insensitive, Indoor/Outdoor
- Fan out splitter protections
- Access to 40 G performance thanks to chosen polarity
- Fully compliant to following international standards

High security for your network

- Complete plug & play systems
- Pre-equipped cassettes, panels, standard and cassettes all types of links
- Expertise: factory 100 % pre-assembled and 100 % pre-tested
- On demand length to adjust to end user needs

Time secured for installation on site

- Delivery secured
- x3 faster installation compared to standard optic offer: save connection time on site, only deploy links and then reduce human intervention on site

Scalable and adaptable

- Pay as you grow
- Make your data centre evolve according to your needs
- Extensions possible thanks to on demand links

Energy efficient thanks to "Green environment"

- Fibre use
- Reduce up to 90 % of waste on site



Panel for cassette

- Empty sliding panel 1U, 19"
- Depth 257 mm
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 cage nuts M6 compatible with perforations 8.5 x 8.5 mm and 9.5 x 9.5 mm.

Overhead support for cassette

- Fixing under cable tray / mesh tray
- Passive optic network easy to relocate, bring flexibility in data centre
- Compliant with all cassettes VDILC*
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws.

Sealing plate

- Metallic face plate 1U and 1/2U
- Easy mounting on panels
- Obturation for cassette (1U) or half size (1/2U)
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 screws with unloosable screws.

MTP adapters

- 1U support equipped with MTP adapters
- Use for connectors MTP 12 and 24 fibres
- Mounted on cassettes and overhead patch support for cassettes
- Each adapter is equipped with cap.

MTP adapters cont.

- Color code with adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: green
- Unit packaging
- Painting Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws.

Cleaning tools

- Optic connectors have to be cleaned before any use for connections in order to ensure the best optic performance.
- Cleaning tools mandatory for SC, LC ou MTP connectors
- Cleaning in 1 action, Clean all type of residual
- More than 500 cleaning use for 1 single cleaning tool
- Adaptation for adapters
- RoHS compliant
- Unit packaging.

Demo kit

- Aluminium pack
- Pack equipped with:
 - 1 optic panel equipped 96 LCq / 4*24 MTP
 - 1 cassette 6*24 MTP pre-terminated 6*24 MTP - 2 meters
 - 1 link 24 LC preterminated 1*24 MTP - 2 meters
 - 1 tool MTP
- Dimensions: 550 x 430 x 195 mm
- Unit packaging.

Empty panels and accessories

| Type | Ref. No |
|---|----------|
| Empty panel 1U 19" for 4 cassettes or 8 half size cassettes | VDILP3 |
| Overhead panel for 1 cassette 257 mm | VDILP5 |
| Sealing plate 1 slot 1U for VDILP3 | VDILA1 |
| Sealing plate 1 slot 1/2U for VDILP3 | VDILA2 |
| Plate equipped with 6 adapters MTP OM3 for VDILP3 | VDILA33 |
| Plate equipped with 6 adapters MTP OM4 for VDILP3 | VDILA34 |
| Plate equipped with 6 adapters MTP OS2 for VDILP3 | VDILA36 |
| Cleaning tool LC | VDILA501 |
| Cleaning tool SC | VDILA503 |
| Cleaning tool MTP | VDILA504 |
| Demo kit | VDILA4 |

P140772



Optic panels pre-connectorized SC/LC/LCq to MTP Specifications

- Metallic panels equipped with optic connectors pre-connectorized in factory
- 48 ports (SC or LC) and 96 ports (LCq) in 1U
- Depth 270 mm
- Pre-Tested panels in factory. Traceability per serial number
- Closed panels and equipped panels with immunity labels
- Color code with SC/LC/LCq adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: bleu
- MTP at the rear with 12 or 24 ports
- Can be inserted with MTP architecture in C polarity
- Color code MTP adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: vert
- Optic Standards: ANSI/TIA-568-C.0-2-2012
- Allow access to 40 Gb applications
- Unit packaging
- Epoxy RAL 9005 - Black color
- Provided with 2 cage nuts M6 compatible with perforations 8.5 x 8.5 mm and 9.5 x 9.5 mm
- Transparent SC connector to ease testing
- Testing report available on customer request.

Performances

- Optic Standards: ANSI/TIA-568-C.0-2-2012
- OM3, OM4, OS2.

Pre equipped fibre panel SC / LC / LCq to MTPm

| Performance | Connector | | Ref. No | |
|-------------|-----------|--------|---------|-------------|
| | Type | Number | MTP | |
| OM3 | LC | 48 | 2 x 24 | VDILP131S5L |
| | | | 4 x 12 | VDILP131S5F |
| | LCq | 96 | 4 x 24 | VDILP132U5N |
| | | | 8 x 12 | VDILP132U5H |
| | SC | 48 | 2 x 24 | VDILP133S5L |
| | | | 4 x 12 | VDILP133S5F |
| OM4 | LC | 48 | 2 x 24 | VDILP141S5L |
| | | | 4 x 12 | VDILP141S5F |
| | LCq | 96 | 4 x 24 | VDILP142U5N |
| | | | 8 x 12 | VDILP142U5H |
| | SC | 48 | 2 x 24 | VDILP143S5L |
| | | | 4 x 12 | VDILP143S5F |
| OS2 | LC | 48 | 2 x 24 | VDILP161S5L |
| | | | 4 x 12 | VDILP161S5F |
| | LCq | 96 | 4 x 24 | VDILP162U5N |
| | | | 8 x 12 | VDILP162U5H |
| | SC | 48 | 2 x 24 | VDILP163S5L |
| | | | 4 x 12 | VDILP163S5F |

P140773



Pre-connectorized optic cassette SC / LC to MTP Specifications

- Pre-terminated optic cassettes enable architecture evolution according to your needs -> Pays as you grow
- Metallic cassettes are 100 % pre-equipped and pre-tested with optic connectors at factory site
- Optic cassettes 12 and 24 ports in 1U
- Optic cassettes 12 ports in 1/2U
- Traceability per serial number
- Cassettes can be mounted in cassette panel VDILP3 (4 cassettes capacity) and in overhead support VDILP5 (1 cassette capacity)
- Color code with SC/LC/LCq adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: blue
- MTP at the rear with 12 or 24 ports
- Can be inserted with MTP architecture in C polarity
- Color code MTP adapters:
 - OM3: aqua
 - OM4: magenta
 - OS2: green
- Optic Standards: ANSI/TIA-568-C.0-2-2012
- Allow access to 40 Gb applications
- Unit packaging
- Epoxy RAL 9005 - Black color
- Provided with 2 fixation screws
- Transparent SC connector to ease testing.

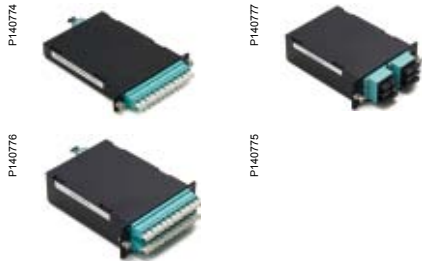
Performances

- Optic Standards: ANSI/TIA-568-C.0-2-2012
- OM3, OM4, OS2.

Cassette MTP preterminated LC or SC

| Performance | Connector | | MTP | Ref. No | | |
|-------------|-----------|-------------|-------------|--------------|--------|--------------|
| | Type | Number | | | | |
| OM3 | LC | 12 | 1 x 12 | VDILC135C1C* | | |
| | | | VDILC235C1C | | | |
| | | 24 | 1 x 24 | VDILC235K1K | | |
| | 2 x 12 | | VDILC235D1D | | | |
| | SC | 12 | 1 x 12 | VDILC235C3C | | |
| | | | OM4 | LC | 12 | 1 x 12 |
| VDILC245C1C | | | | | | |
| 24 | 1 x 24 | VDILC245K1K | | | | |
| | 2 x 12 | VDILC245D1D | | | | |
| SC | 12 | 1 x 12 | VDILC245C3C | | | |
| | | OS2 | LC | 12 | 1 x 12 | VDILC165C1C* |
| | | | | | | VDILC265C1C |
| 24 | 1 x 24 | VDILC265K1K | | | | |
| | 2 x 12 | VDILC265D1D | | | | |
| SC | 12 | 1 x 12 | VDILC265C3C | | | |

* Cassette half size (1/2U)



Pre-Terminated Link Configurations with Cassettes, Cables, Fibre Optic connectors

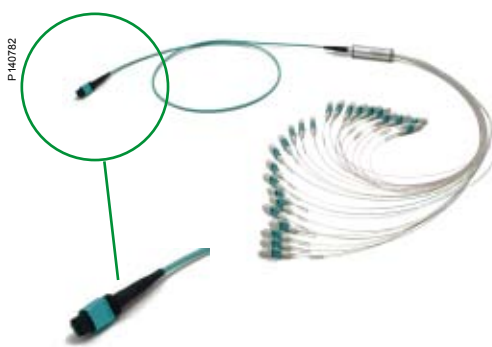
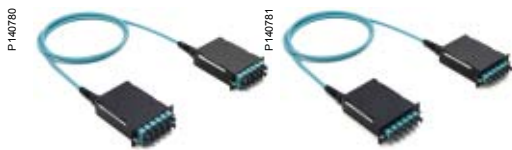
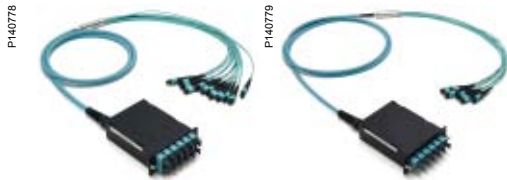
- Metallic Cassette RAL 9005 - Black color
- LSZH cable use - Indoor/Outdoor - Bend insensitive
- LC/SC/MTP connectors.

Cassette MTPm preterminated MTPm

| Performance | Connector | | Ref. No (xxx: length in meters) |
|-------------|-----------|---------|------------------------------------|
| | MTP | MTP | |
| OM3 | 12 x 12 | 12 x 12 | VDILC435J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC435G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC435P5P0XXX |
| OM4 | 12 x 12 | 12 x 12 | VDILC445J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC445G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC445P5P0XXX |
| OS2 | 12 x 12 | 12 x 12 | VDILC465J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC465G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC465P5P0XXX |

Cassette MTPm preterminated cassette MTPm

| Performance | Connector | | Ref. No (xxx: length in meters) |
|-------------|-----------|---------|------------------------------------|
| | MTP | MTP | |
| OM3 | 12 x 12 | 12 x 12 | VDILC335J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC335G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC335P5P0XXX |
| OM4 | 12 x 12 | 12 x 12 | VDILC345J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC345G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC345P5P0XXX |
| OS2 | 12 x 12 | 12 x 12 | VDILC365J5J0XXX |
| | 6 x 12 | 6 x 12 | VDILC365G5G0XXX |
| | 6 x 24 | 6 x 24 | VDILC365P5P0XXX |



Specifications

- MTP connectors are MPO connectors with more performance
- MTP connectors answers to standards IEC 61754-7 et TIA-604-5 and are compatible with MPO connectors.

Benefits

- High density in 1U up to 576 optic fibres
- Easy deployment of network architecture in your data centre
- Congestion in racks reduced by 70 %.

P-140783



P-140784

| Cassette LC or SC pre-terminated cassette LC or SC | | | | | | | |
|--|-----------|--------|------|--------|------------------------------------|---|-----------------|
| Performance | Connector | | | | Ref. No (xxx: length in meters) | | |
| | Type | Number | Type | Number | | | |
| OM3 | LC | 6 | LC | 6 | VDILC331A1A0XXX | | |
| | | | SC | | VDILC331A3A0XXX | | |
| | | 12 | LC | 12 | VDILC331C1C0XXX | | |
| | | | SC | | VDILC331C3C0XXX | | |
| | | 24 | LC | 24 | VDILC331K1K0XXX | | |
| | | | | | | | |
| | SC | 6 | SC | 6 | VDILC333A3A0XXX | | |
| | | | | | | | |
| | | 12 | SC | 12 | VDILC333C3C0XXX | | |
| | | | | | | | |
| | | OM4 | LC | 6 | LC | 6 | VDILC341A1A0XXX |
| | | | | | SC | | VDILC341A3A0XXX |
| 12 | LC | | | 12 | VDILC341C1C0XXX | | |
| | SC | | | | VDILC341C3C0XXX | | |
| 24 | LC | | | 24 | VDILC341K1K0XXX | | |
| | | | | | | | |
| SC | 6 | | SC | 6 | VDILC343A3A0XXX | | |
| | | | | | | | |
| | 12 | | SC | 12 | VDILC343C3C0XXX | | |
| | | | | | | | |
| | OS2 | | LC | 6 | LC | 6 | VDILC361A1A0XXX |
| | | | | | SC | | VDILC361A3A0XXX |
| 12 | | LC | | 12 | VDILC361C1C0XXX | | |
| | | SC | | | VDILC361C3C0XXX | | |
| 24 | | LC | | 24 | VDILC361K1K0XXX | | |
| | | | | | | | |
| SC | | 6 | SC | 6 | VDILC363A3A0XXX | | |
| | | | | | | | |
| | | 12 | SC | 12 | VDILC363C3C0XXX | | |
| | | | | | | | |

FL-C Pre-Term optic

Available on request/Selection guide

P140785



P140786



Cassette LC/SC preterminated LC/SC

| Performance | Connector | | | | Ref. No (xxx: length in meters) | | |
|-------------|-----------|--------|------|--------|------------------------------------|---|-----------------|
| | Type | Number | Type | Number | | | |
| OM3 | LC | 6 | LC | 6 | VDILC431A1A0XXX | | |
| | | | SC | | VDILC431A3A0XXX | | |
| | | 12 | LC | 12 | VDILC431C1C0XXX | | |
| | | | SC | | VDILC431C3C0XXX | | |
| | | 24 | LC | 24 | VDILC431K1K0XXX | | |
| | | | SC | | VDILC431K3K0XXX | | |
| | SC | 6 | LC | 6 | VDILC433A1A0XXX | | |
| | | | SC | | VDILC433A3A0XXX | | |
| | | 12 | LC | 12 | VDILC433C1C0XXX | | |
| | | | SC | | VDILC433C3C0XXX | | |
| | | OM4 | LC | 6 | LC | 6 | VDILC441A1A0XXX |
| | | | | | SC | | VDILC441A3A0XXX |
| 12 | LC | | | 12 | VDILC441C1C0XXX | | |
| | SC | | | | VDILC441C3C0XXX | | |
| 24 | LC | | | 24 | VDILC441K1K0XXX | | |
| | SC | | | | VDILC441K3K0XXX | | |
| SC | 6 | | LC | 6 | VDILC443A1A0XXX | | |
| | | | SC | | VDILC443A3A0XXX | | |
| | 12 | | LC | 12 | VDILC443C1C0XXX | | |
| | | | SC | | VDILC443C3C0XXX | | |
| | OS2 | | LC | 6 | LC | 6 | VDILC461A1A0XXX |
| | | | | | SC | | VDILC461A3A0XXX |
| 12 | | LC | | 12 | VDILC461C1C0XXX | | |
| | | SC | | | VDILC461C3C0XXX | | |
| 24 | | LC | | 24 | VDILC461K1K0XXX | | |
| | | SC | | | VDILC461K3K0XXX | | |
| SC | | 6 | LC | 6 | VDILC463A1A0XXX | | |
| | | | SC | | VDILC463A3A0XXX | | |
| | | 12 | LC | 12 | VDILC463C1C0XXX | | |
| | | | SC | | VDILC463C3C0XXX | | |

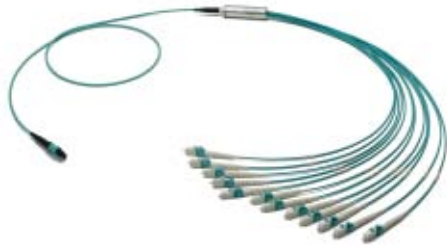
P140787



Trunk MTPf / MTPf

| Performance | Connector | | Ref. No (xxx: length in metres) |
|-------------|-----------|--------|------------------------------------|
| | MTP | MTP | |
| OM3 | 1 x 12 | 1 x 12 | VDILL034C4C0XXX |
| | | 1 x 24 | VDILL034K4K0XXX |
| | | 2 x 12 | VDILL034K4D0XXX |
| OM4 | 2 x 12 | | VDILL034D4D0XXX |
| | 1 x 12 | 1 x 12 | VDILL044C4C0XXX |
| | | 1 x 24 | 1 x 24 |
| OS2 | | 2 x 12 | VDILL044K4D0XXX |
| | 2 x 12 | | VDILL044D4D0XXX |
| | 1 x 12 | 1 x 12 | VDILL064C4C0XXX |
| | | 1 x 24 | 1 x 24 |
| | | 2 x 12 | VDILL064K4D0XXX |
| | 2 x 12 | | VDILL064D4D0XXX |

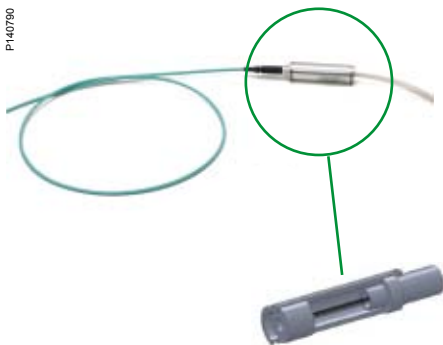
P140788



P140789



P140790



Fanout MTPm / LC or SC

| Performance Connector | | Type | Number | MTP | Fibre | Ref. No (xxx: length in meters) |
|-----------------------|----|------|--------|------|--------|------------------------------------|
| OM3 | LC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL035C1C2XXX |
| | | | | | 900 µm | VDILL035C1C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL035K1K2XXX |
| | | | | | 900 µm | VDILL035K1K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL035D1K2XXX |
| | | | | | 900 µm | VDILL035D1K1XXX |
| | SC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL035C3C2XXX |
| | | | | | 900 µm | VDILL035C3C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL035K3K2XXX |
| | | | | | 900 µm | VDILL035K3K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL035D3K2XXX |
| | | | | | 900 µm | VDILL035D3K1XXX |
| OM4 | LC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL045C1C2XXX |
| | | | | | 900 µm | VDILL045C1C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL045K1K2XXX |
| | | | | | 900 µm | VDILL045K1K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL045D1K2XXX |
| | | | | | 900 µm | VDILL045D1K1XXX |
| | SC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL045C3C2XXX |
| | | | | | 900 µm | VDILL045C3C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL045K3K2XXX |
| | | | | | 900 µm | VDILL045K3K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL045D3K2XXX |
| | | | | | 900 µm | VDILL045D3K1XXX |
| OS2 | LC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL065C1C2XXX |
| | | | | | 900 µm | VDILL065C1C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL065K1K2XXX |
| | | | | | 900 µm | VDILL065K1K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL065D1K2XXX |
| | | | | | 900 µm | VDILL065D1K1XXX |
| | SC | 12 | 1 x 12 | 2 mm | 2 mm | VDILL065C3C2XXX |
| | | | | | 900 µm | VDILL065C3C1XXX |
| | | 24 | 1 x 24 | 2 mm | 2 mm | VDILL065K3K2XXX |
| | | | | | 900 µm | VDILL065K3K1XXX |
| | | | 2 x 12 | 2 mm | 2 mm | VDILL065D3K2XXX |
| | | | | | 900 µm | VDILL065D3K1XXX |

Offering 2 methods for fibre optic split for fan out configurations

A lot of link configurations exist, they are proposed with 2 different ways for splitting:

- Traditional method with heat-shrinkable girdle
- Advanced method with metallic splitter
- Universal for all type of cables:
 - tight buffered structure
 - 250 µm unitube
 - 900 µm tight buffered
- Metallic splitter advantages are:
 - Fibre protection per metallic splitter, Re-sheathing in 2.0 mm possible, fibres without congestion and stress
 - Less cable and less mesh tray needed thanks to diameter reduction
 - Links easy to deploy thanks to bend radius reduction
- Applicable on all type of cables.



FL-C Pre-Term optic

Available on request/Selection guide

P140791



P140792



P140793

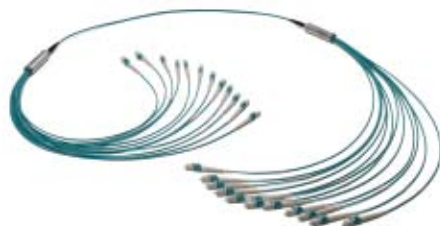


| Traditional link LC or SC | | | | | | |
|---------------------------|-----------|--------|------|--------|--------|------------------------------------|
| Performance | Connector | | Type | Number | Fibre | Ref. No (xxx: length in meters) |
| | Type | Number | | | | |
| OM3 | LC | 6 | LC | 6 | 900 µm | VDILL031A1A3XXX |
| | | | SC | | 900 µm | VDILL031A3A3XXX |
| | | 12 | LC | 12 | 900 µm | VDILL031C1C3XXX |
| | | | SC | | 900 µm | VDILL031C3C3XXX |
| | | 24 | LC | 24 | 900 µm | VDILL031K1K3XXX |
| | | | SC | | 900 µm | VDILL031K3K3XXX |
| | SC | 6 | SC | 6 | 900 µm | VDILL033A3A3XXX |
| | | | 12 | SC | 12 | 900 µm |
| | | 24 | SC | 24 | 900 µm | VDILL033K3K3XXX |
| | | | | | | |
| OM4 | LC | 6 | LC | 6 | 900 µm | VDILL041A1A3XXX |
| | | | SC | | 900 µm | VDILL041A3A3XXX |
| | | 12 | LC | 12 | 900 µm | VDILL041C1C3XXX |
| | | | SC | | 900 µm | VDILL041C3C3XXX |
| | | 24 | LC | 24 | 900 µm | VDILL041K1K3XXX |
| | | | SC | | 900 µm | VDILL041K3K3XXX |
| | SC | 6 | SC | 6 | 900 µm | VDILL043A3A3XXX |
| | | | 12 | SC | 12 | 900 µm |
| | | 24 | SC | 24 | 900 µm | VDILL043K3K3XXX |
| | | | | | | |
| OS2 | LC | 6 | LC | 6 | 900 µm | VDILL061A1A3XXX |
| | | | SC | | 900 µm | VDILL061A3A3XXX |
| | | 12 | LC | 12 | 900 µm | VDILL061C1C3XXX |
| | | | SC | | 900 µm | VDILL061C3C3XXX |
| | | 24 | LC | 24 | 900 µm | VDILL061K1K3XXX |
| | | | SC | | 900 µm | VDILL061K3K3XXX |
| | SC | 6 | SC | 6 | 900 µm | VDILL063A3A3XXX |
| | | | 12 | SC | 12 | 900 µm |
| | | 24 | SC | 24 | 900 µm | VDILL063K3K3XXX |
| | | | | | | |

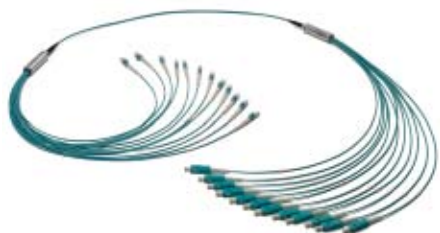
P140794



P140795



P140796



P140797



| Traditional link LC or SC with metallic splitter | | | | | | | |
|--|-----------|-----------------|-----------------|-----------------|-----------------|------------------------------------|-----------------|
| Performance | Connector | | Type | Number | Fibre | Ref. No (xxx: length in meters) | |
| | Type | Number | | | | | |
| OM3 | LC | 12 | LC | 12 | 2 mm | VDILL031C1C2XXX | |
| | | | | | 900 µm | VDILL031C1C1XXX | |
| | | | | | 2 mm | VDILL031C3C2XXX | |
| | | 900 µm | VDILL031C3C1XXX | | | | |
| | | 24 | LC | 24 | 2 mm | VDILL031K1K2XXX | |
| | | | | | 900 µm | VDILL031K1K1XXX | |
| | 2 mm | | | | VDILL031K3K2XXX | | |
| | 900 µm | | VDILL031K3K1XXX | | | | |
| | SC | | 12 | SC | 12 | 2 mm | VDILL033C3C2XXX |
| | | | | | | 900 µm | VDILL033C3C1XXX |
| | | 2 mm | | | | VDILL033K3K2XXX | |
| | | 900 µm | VDILL033K3K1XXX | | | | |
| 24 | | SC | 24 | 2 mm | VDILL033K3K2XXX | | |
| | | | | 900 µm | VDILL033K3K1XXX | | |
| | 2 mm | | | VDILL033K3K1XXX | | | |
| | 900 µm | VDILL033K3K1XXX | | | | | |
| | OM4 | LC | 12 | LC | 12 | 2 mm | VDILL041C1C2XXX |
| | | | | | | 900 µm | VDILL041C1C1XXX |
| 2 mm | | | | | | VDILL041C3C2XXX | |
| 900 µm | | | VDILL041C3C1XXX | | | | |
| 24 | | | LC | 24 | 2 mm | VDILL041K1K2XXX | |
| | | | | | 900 µm | VDILL041K1K1XXX | |
| | | 2 mm | | | VDILL041K3K2XXX | | |
| | | 900 µm | VDILL041K3K1XXX | | | | |
| | | SC | 12 | SC | 12 | 2 mm | VDILL043C3C2XXX |
| | | | | | | 900 µm | VDILL043C3C1XXX |
| 2 mm | | | | | | VDILL043K3K2XXX | |
| 900 µm | | | VDILL043K3K1XXX | | | | |
| 24 | SC | | 24 | 2 mm | VDILL043K3K2XXX | | |
| | | | | 900 µm | VDILL043K3K1XXX | | |
| | | 2 mm | | VDILL043K3K1XXX | | | |
| | 900 µm | VDILL043K3K1XXX | | | | | |
| | OS2 | LC | 12 | LC | 12 | 2 mm | VDILL061C1C2XXX |
| | | | | | | 900 µm | VDILL061C1C1XXX |
| 2 mm | | | | | | VDILL061C3C2XXX | |
| 900 µm | | | VDILL061C3C1XXX | | | | |
| 24 | | | LC | 24 | 2 mm | VDILL061K1K2XXX | |
| | | | | | 900 µm | VDILL061K1K1XXX | |
| | | 2 mm | | | VDILL061K3K2XXX | | |
| | | 900 µm | VDILL061K3K1XXX | | | | |
| | | SC | 12 | SC | 12 | 2 mm | VDILL063C3C2XXX |
| | | | | | | 900 µm | VDILL063C3C1XXX |
| 2 mm | | | | | | VDILL063K3K2XXX | |
| 900 µm | | | VDILL063K3K1XXX | | | | |
| 24 | SC | | 24 | 2 mm | VDILL063K3K2XXX | | |
| | | | | 900 µm | VDILL063K3K1XXX | | |
| | | 2 mm | | VDILL063K3K1XXX | | | |
| | 900 µm | VDILL063K3K1XXX | | | | | |



FL-C Fibre optic Unicam connectors

Specifications

- Unicam optic connectors suitable for quick and easy direct termination with tight buffered fibre optic cables inside optic patchpanels and/or at workstation:
 - less than 1 minute to connect a Unicam to a tight buffered fibre
 - does not require polishing unlike other no epoxy connectors. Controlled endface processing is part of the factory process
 - zirconia ceramic material ferrules
 - colored housings and boots to identify quickly performances of connectors: OM1: beige housing / Beige boot, OM2: black or beige housing / Black boot, OM3/OM4: black housing / Aqua boot, OS2: blue housing / Blue boot
- The Unicam connector can best be described as a mini pigtail. It incorporates a factory installable fibre stub that is fully bonded into the ferrule. The other end of the fibre is precisely cleaved and placed into the patented alignment mechanism of our mechanical splice. Both the field fibre and fibre stub are fully protected from environmental factors.

Performances

- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Unicam multimode connectors

| Type | Qty/pack | Ref. No |
|------------------------------------|----------|-------------|
| Unicam connector OM1 62.5/125 SC | 1 | VDIB502101U |
| Unicam connector OM1 62.5/125 ST | 1 | VDIB501101U |
| Unicam connector OM1 62.5/125 LC | 1 | VDIB504101U |
| Unicam connector OM2 50/125 SC | 1 | VDIB502201U |
| Unicam connector OM2 50/125 ST | 1 | VDIB501201U |
| Unicam connector OM2 50/125 LC | 1 | VDIB504201U |
| Unicam connector OM3/OM4 50/125 SC | 1 | VDIB502301U |
| Unicam connector OM3/OM4 50/125 LC | 1 | VDIB504301U |

P67232



P133702



P67235



P67217



P67223



P133691



P133888



P134791



Unicam singlemode connectors

| Type | Qty/pack | Ref. No |
|-------------------------------|----------|-------------|
| Unicam connector OS2 9/125 SC | 1 | VDIB502501U |
| Unicam connector OS2 9/125 LC | 1 | VDIB504501U |

FL-C Fibre optic Unicam toolkits and accessories

Unicam toolkits and accessories

P133757



| Type | Ref. No |
|----------------------------|-------------|
| Cleaver | VDIB699100 |
| Toolkit Unicam without CTS | VDIB699001U |

P134686



| | |
|---------------------------------|-------------|
| Tool Unicam | VDIB699003U |
| Toolkit CTS without VFL | VDIB699004U |
| Visual Fault Locator VFL | VDIB699005U |
| Toolkit Unicam High Performance | VDIB699006U |



FL-C Fibre optic Cold cured and Heat cured Range

FL-C Fibre optic Cold cured and Heat cured connectors

■ Cold cured optic connectors combining the quick-cure convenience of anaerobic adhesive with the performances of epoxy and polish connectors for installations inside optic patchpanels and/or at workstation

- requires less than 4 minutes to assemble and polish the connector
- does not require electrical power to install
- hand polish

■ The anaerobic adhesive uses a two-part epoxy process. The adhesive is first injected into the connector ferrule. The fiber is dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamp or oven. Then the fiber of the connector requires manual polishing through different grades of sand papers.

■ Heat cured connectors can be used according to installations standards of cold cured connectors.

Cold cured connectors

■ Connectors delivered with boots for 900 µm, 2 and 3 mm jacketed cables, crimp rings for 2 and 3 mm jacketed cables (and 1.6 mm for LC version)

■ Color coding for easy identification of performances (both black and aqua boots for Multimode, blue boot for singlemode)

■ Zirconia ceramic material ferrules.

Heat cured connectors

■ Connectors delivered with boot for 900 µm cables (beige boot for Multimode, blue boot for singlemode)

■ Zirconia ceramic material ferrules.

Performances

■ SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2

■ LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2

■ ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Connectors multimode

| Type | Qty/pack | Ref. No |
|-----------------------------------|----------|-------------|
| Cold cured Connector MM 50/125 SC | 1 | VDIB502201C |
| Cold cured Connector MM 50/125 ST | 1 | VDIB501201C |
| Cold cured Connector MM 50/125 LC | 1 | VDIB504201C |
| Heat cured Connector MM 50/125 SC | 100 | VDIB502201H |
| Heat cured Connector MM 50/125 ST | 100 | VDIB501201H |
| Heat cured Connector MM 50/125 LC | 100 | VDIB504201H |

Connectors singlemode

| Type | Qty/pack | Ref. No |
|----------------------------------|----------|-------------|
| Cold cured Connector SM 9/125 SC | 1 | VDIB502501C |
| Cold cured Connector SM 9/125 LC | 1 | VDIB504501C |
| Heat cured Connector SM 9/125 SC | 100 | VDIB502501H |
| Heat cured Connector SM 9/125 LC | 100 | VDIB504501H |

FL-C Fibre optic Cold cured and Heat cured toolkits and accessories

Cold cured toolkits and accessories

| | |
|------------------------------------|-------------|
| Cleaver | VDIB699100 |
| Toolkit Cold cured | VDIB699011C |
| Consumables kit for 500 connectors | VDIB699012C |

P67209



P67215



P133687



P133690



P133689



P133686



FL-C Fibre optic pigtaills

Specifications

- Optic pigtaills suitable for splices termination with fibre optic cables inside optic patchpanels and/or at workstation:
 - factory terminated
 - zirconia ceramic material ferrules
 - 900 µm fibre buffered
 - low Smoke Zero Halogen buffer sheath
 - 70 cm length.

Performances

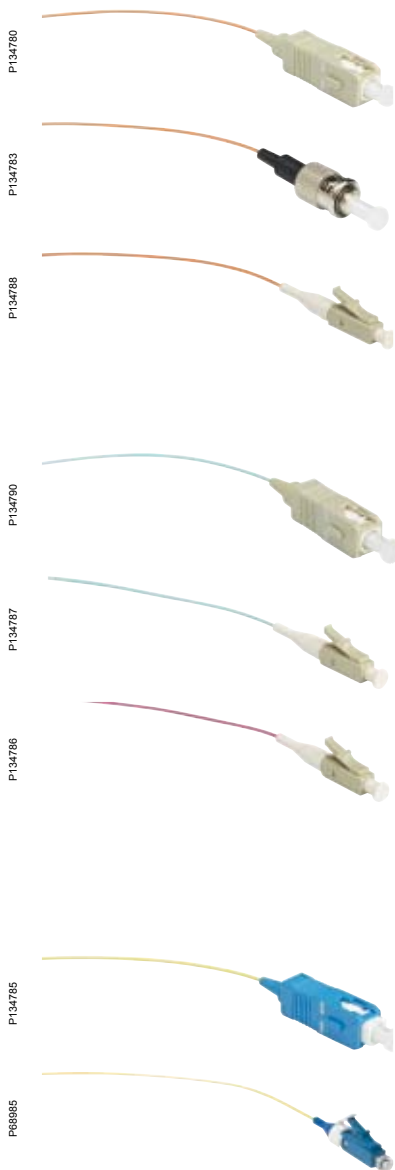
- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant with TIA/EIA 604-2 and IEC 61754-2.

Pigtail multimode

| Type | Ref. No |
|-------------------------|------------|
| Pigtail OM1 62.5/125 SC | VDIP641201 |
| Pigtail OM1 62.5/125 ST | VDIP641101 |
| Pigtail OM1 62.5/125 LC | VDIP641401 |
| Pigtail OM2 50/125 SC | VDIP642201 |
| Pigtail OM2 50/125 ST | VDIP642101 |
| Pigtail OM2 50/125 LC | VDIP642401 |
| Pigtail OM3 50/125 SC | VDIP643201 |
| Pigtail OM3 50/125 LC | VDIP643401 |
| Pigtail OM4 50/125 LC | VDIP644401 |

Pigtail singlemode

| Type | Ref. No |
|----------------------|------------|
| Pigtail OS2 9/125 SC | VDIP645201 |
| Pigtail OS2 9/125 LC | VDIP645401 |



FL-C Fibre optic Camsplice solution

Specifications

■ Camsplice solution suitable for emergency restoration of the connection between 2 fibres (Multimode or Singlemode):

- less than 2 minutes to connect fibres through Camsplice connector
- completed splices fit into the Actassi optic cassette thanks to the fixation spreader for Camsplice
- does not require adhesive or epoxy
- minimal training and few accessories to assemble.

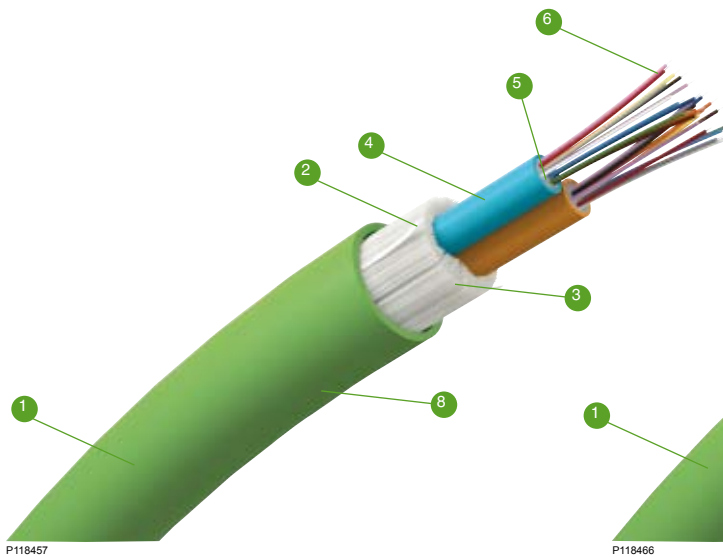
The Camsplice connector incorporates a unique fibre alignment mechanism that self-centers the fibres and provides accurate alignment.

| Camsplice | |
|--|-------------|
| Type | Ref. No |
| Camsplice connector | VDIB699021M |
| Toolkit Camsplice | VDIB699022M |
| Camsplice Tool | VDIB699023M |
| Fixation spreader for 5 Camsplice connectors | VDIM15C201 |

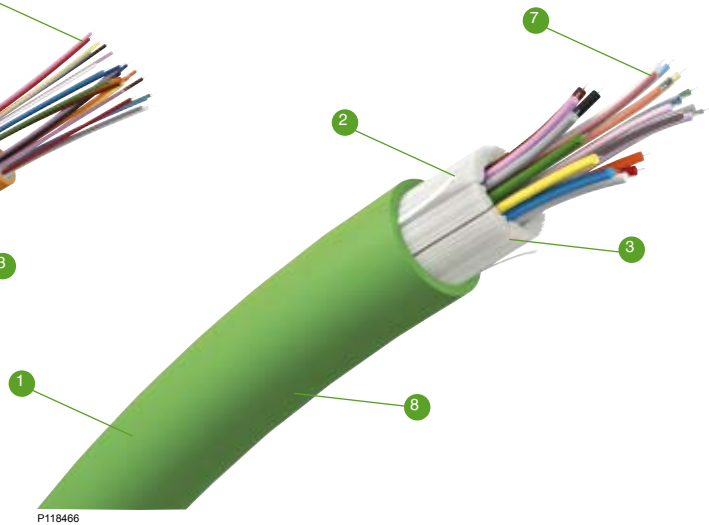
Actassi fibre optic cables

Actassi Fibre LAN range is adapted to the familiar ways of installing optic connectors and pigtails (SC, LC, ST). The range is available under 2 different structures: tight buffered and Loose tube to be used for direct connector termination and for splicing respectively. Both structures are suitable for indoor and specific outdoor installations.

Loose tube



Tight buffered



1 Robust sheath

Tensile strength

Reinforces the tensile strength of the cable.

Robustness

High maximum pulling force and crush resistance of the cable during installation.

UV resistance

Resistance to UV degredation.

Colours

Distinct colours to identify strategic cables and prevent mistakenly cutting the cable.

2 Water swellable elements

Provide a protective barrier against longitudinally water ingresson while guaranteeing cable performance.

3 100 % glass yarns

Reinforcing the tensile strength of the cable. Acting as rodent retardant.

4 Innovative design

Innovative design of dual loose tube structure to help simplify the installation.

5 Gel

Provides a protective barrier against longitudinally water ingresson while guaranteeing cable performance.

Coating

6 250 µm coating

7 900 µm coating

8 Compact for improved bending radius

The compact design of the cables gives several benefits:

- Reduced bending radii: 10 x diameter for Tight buffered and 60 mm for Loose tube cables
- Reduced diameter and increased installation space

Packaging

Packaging adapted to our customers requests (convenient small sized drums or cut to length).



Colour code

Fibre no.1 to no.12 according to the following colours.

| | | |
|----|--------|--|
| 1 | Blue | |
| 2 | Orange | |
| 3 | Green | |
| 4 | Brown | |
| 5 | Grey | |
| 6 | White | |
| 7 | Red | |
| 8 | Black | |
| 9 | Yellow | |
| 10 | Violet | |
| 11 | Rose | |
| 12 | Aqua | |

Fibre no.13 to no.24: idem + transparent



Environment-friendly



LSZH

LSZH (Low Smoke Zero Halogen) sheath according to test methods IEC 61034 (smoke density), IEC 60754-1 (gas toxicity), IEC 60754-2 (gas corrosiveness) for Tight buffered and Loose tube cables.

Flame retardant

Flame retardant (self extinguishing) according to IEC 60332-1 for Tight buffered and Loose tube cables.

Fire retardant

Fire retardant (no fire propagation along the cable) according to IEC 60332-3C for Tight buffered cables.



RoHS and REACH

RoHS compliance according to UE directive.

REACH compliance.

PeP available for the range.

FL-C Loose tube Fibre optic cables

Specifications

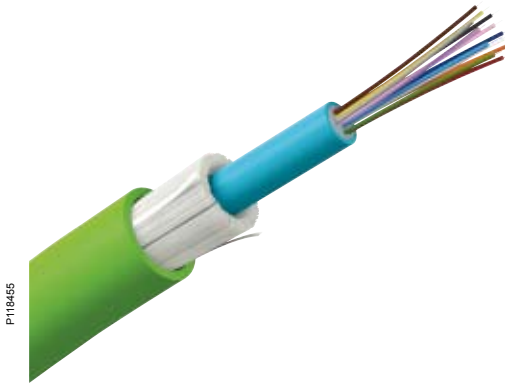
- Compact and universal cables suitable for indoor and specific outdoor installations:
- low Smoke Zero Halogen (LSZH) green coloured external sheath
- UV resistant
- dielectric
- high tensile strength
- rodent retardant
- longitudinally watertight
- Loose tube gel-filled cable construction with 250 µm coating available in unitube structure for 4, 6, 8 and 12 fibres and bitube structure for 24 fibres
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2).

Performances

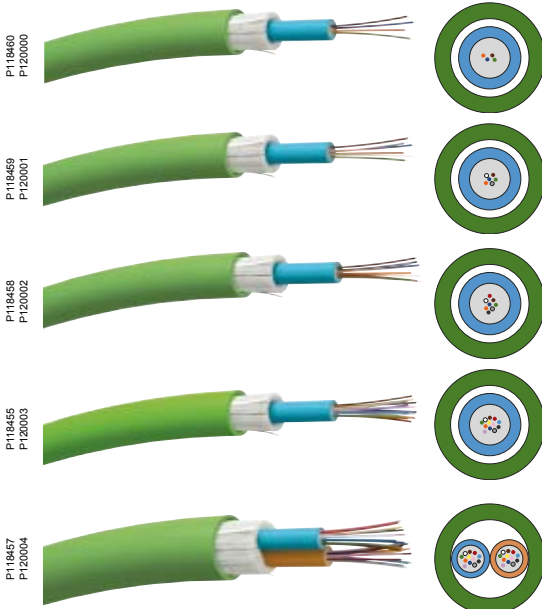
- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Use

- High data rate fibre optic backbones for building and campus
- Suitable for splicing termination: installation with pigtails by fusion or mechanical splices.



P118455



P118460
P120000

P118459
P120001

P118458
P120002

P118455
P120003

P118457
P120004

| OM2 50/125 µm | | |
|--|---------------|--------------------|
| Type | Length | Ref. No |
| Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket. | | |
| OM2 50/125, Loose tube, 4 fibres | 2100 m | VDIC52204L |
| | Cut to length | VDIC52204LM |
| OM2 50/125, Loose tube, 6 fibres | 525 m | VDIC42206L |
| | 2100 m | VDIC52206L |
| | Cut to length | VDIC52206LM |
| OM2 50/125, Loose tube, 8 fibres | 2100 m | VDIC52208L |
| | Cut to length | VDIC52208LM |
| OM2 50/125, Loose tube, 12 fibres | 525 m | VDIC42212L |
| | 2100 m | VDIC52212L |
| | Cut to length | VDIC52212LM |
| OM2 50/125, Loose tube, 24 fibres | 525 m | VDIC42224L |
| | 2100 m | VDIC52224L |
| | Cut to length | VDIC52224LM |



FL-C Fibre optic cables

Range Loose tube

P118459
P120001



P118455
P120003



P118457
P120004



OM3 50/125 µm

| Type | Length | Ref. No |
|--|---------------|-------------|
| Optic cable Indoor/outdoor OM3 50/125 µm multimode fibres, green overall jacket. | | |
| OM3 50/125, Loose tube, 6 fibres | 525 m | VDIC42306L |
| | 2100 m | VDIC52306L |
| | Cut to length | VDIC52306LM |
| OM3 50/125, Loose tube, 12 fibres | 525 m | VDIC42312L |
| | 2100 m | VDIC52312L |
| | Cut to length | VDIC52312LM |
| OM3 50/125, Loose tube, 24 fibres | 525 m | VDIC42324L |
| | 2100 m | VDIC52324L |
| | Cut to length | VDIC52324LM |

P118459
P120001



P118455
P120003



P118457
P120004



OM4 50/125 µm

| Type | Length | Ref. No |
|---|---------------|-------------|
| Optic cable indoor/outdoor, OM4 50/125 µm multimode fibres, green overall jacket. | | |
| OM4 50/125, Loose tube, 6 fibres | 2100 m | VDIC52406L |
| | Cut to length | VDIC52406LM |
| OM4 50/125, Loose tube, 12 fibres | 2100 m | VDIC52412L |
| | Cut to length | VDIC52412LM |
| OM4 50/125, Loose tube, 24 fibres | 2100 m | VDIC52424L |
| | Cut to length | VDIC52424LM |

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P120000



P118459
P120001



P118458
P120002



P118455
P120003



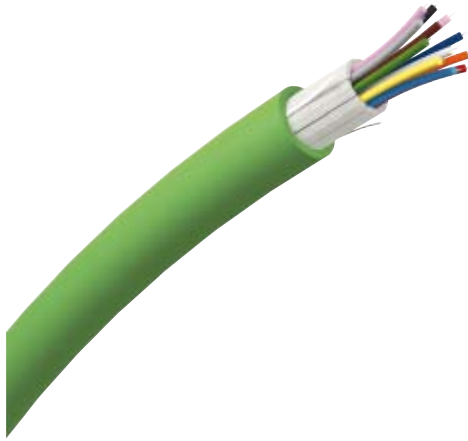
P118457
P120004



OS1/OS2 9/125 µm

| Type | Length | Ref. No |
|--|---------------|-------------|
| Optic cable indoor/outdoor, OS1/OS2 9/125 µm single-mode fibres, green overall jacket. | | |
| OS1/OS2 9/125, Loose tube, 4 fibres | 2100 m | VDIC52504L |
| | Cut to length | VDIC52504LM |
| OS1/OS2 9/125, Loose tube, 6 fibres | 525 m | VDIC42506L |
| | 2100 m | VDIC52506L |
| | Cut to length | VDIC52506LM |
| OS1/OS2 9/125, Loose tube, 8 fibres | 2100 m | VDIC52508L |
| | Cut to length | VDIC52508LM |
| OS1/OS2 9/125, Loose tube, 12 fibres | 525 m | VDIC42512L |
| | 2100 m | VDIC52512L |
| | Cut to length | VDIC52512LM |
| OS1/OS2 9/125, Loose tube, 24 fibres | 525 m | VDIC42524L |
| | 2100 m | VDIC52524L |
| | Cut to length | VDIC52524LM |

P118465



FL-C Tight buffered Fibre optic cables

Specifications

- Compact and universal cables suitable for indoor and specific outdoor installations:
 - low Smoke Zero Halogen (LSZH) green coloured external sheath
 - UV resistant
 - dielectric
 - high tensile strength
 - rodent retardant
 - longitudinally watertight
- Tight buffered gel-free cable construction with 900 µm coating
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2). Fire retardant according to IEC 60 332-3 C, EN 50 266, NF C 32 070 2.2 (Category C1).

Performances

- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Use

- High data rate fibre optic backbones for building and campus
- Horizontal cable (FTTD Fibre to the desk) with the 2 fibres
- Suitable for direct termination: installation with connectors (prefibred, cold-cured and/or heat-cured types).

P118462
P120005



P118463
P120006



P118464
P120007



P118465
P120008



P118466
P120009



OM2 50/125 µm

| Type | Length | Ref. No |
|--|---------------|-------------|
| Optic cable Indoor/outdoor OM2 50/125 µm multimode fibres, green overall jacket. | | |
| OM2 50/125, Tight buffered, 4 fibres | 2100 m | VDIC52204T |
| | Cut to length | VDIC52204TM |
| OM2 50/125, Tight buffered, 6 fibres | 525 m | VDIC42206T |
| | 2100 m | VDIC52206T |
| | Cut to length | VDIC52206TM |
| OM2 50/125, Tight buffered, 8 fibres | 2100 m | VDIC52208T |
| | Cut to length | VDIC52208TM |
| OM2 50/125, Tight buffered, 12 fibres | 525 m | VDIC42212T |
| | 2100 m | VDIC52212T |
| | Cut to length | VDIC52212TM |
| OM2 50/125, Tight buffered, 24 fibres | 525 m | VDIC42224T |
| | 2100 m | VDIC52224T |
| | Cut to length | VDIC52224TM |



FL-C Fibre optic cables

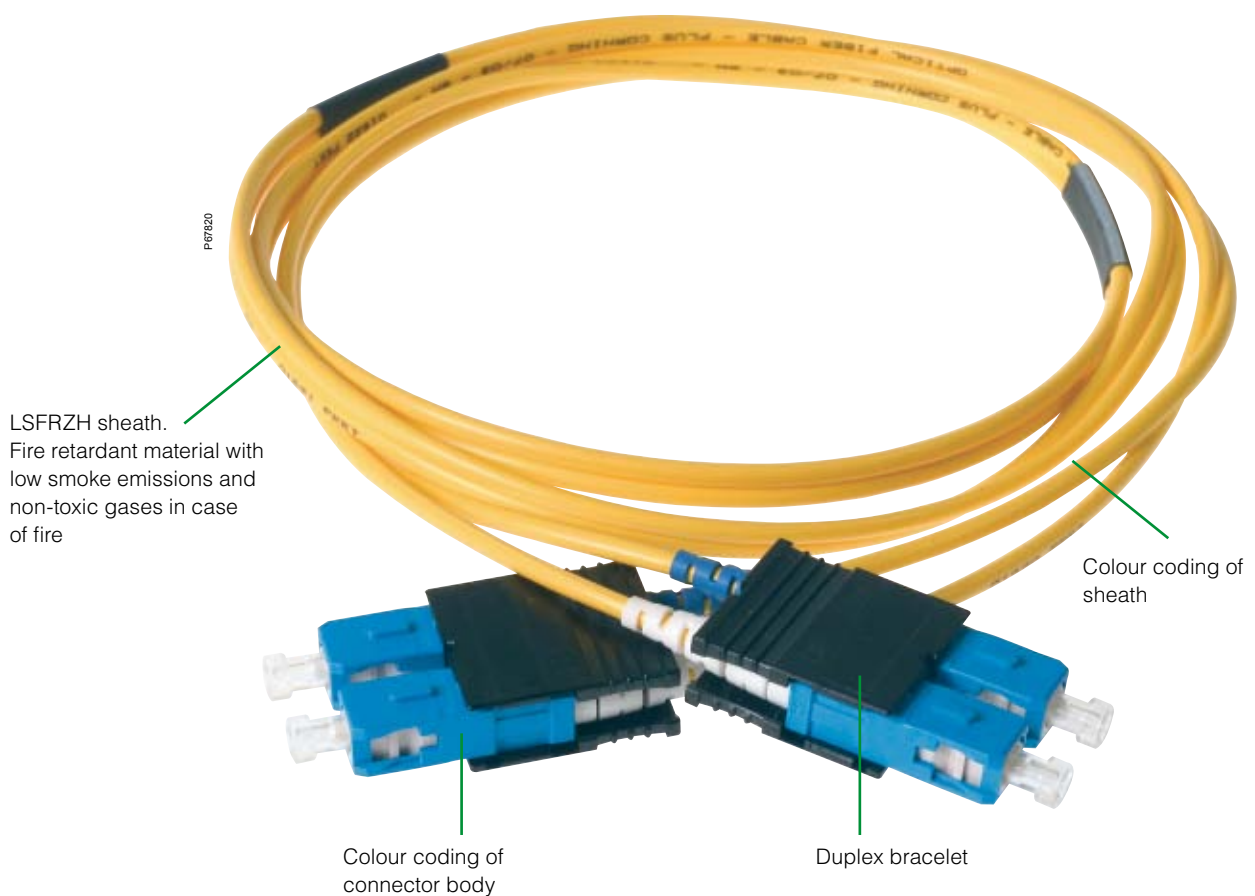
Range Tight buffered

| | | OM3 50/125 µm | | | | | |
|--------------------|--|---|---------------------------------------|--|---|---------|------------|
| | | Type | Length | Ref. No | | | |
| | | Optic cable Indoor/outdoor OM3 50/125 µm multimode fibres, green overall jacket. | | | | | |
| | | P118461 P120010 | OM3 50/125, Tight buffered, 2 fibres | 525 m | VDIC42302T | | |
| | | | | 2100 m | VDIC52302T | | |
| | | | | Cut to length | VDIC52302TM | | |
| | | P118463 P120006 | OM3 50/125, Tight buffered, 6 fibres | 525 m | VDIC42306T | | |
| | | | | 2100 m | VDIC52306T | | |
| | | | | Cut to length | VDIC52306TM | | |
| | | P118465 P120008 | OM3 50/125, Tight buffered, 12 fibres | 525 m | VDIC42312T | | |
| | | | | 2100 m | VDIC52312T | | |
| | | | | Cut to length | VDIC52312TM | | |
| | | P118466 P120009 | OM3 50/125, Tight buffered, 24 fibres | 525 m | VDIC42324T | | |
| | | | | 2100 m | VDIC52324T | | |
| | Cut to length | | VDIC52324TM | | | | |
| | | OM4 50/125 µm | | | | | |
| | | Type | Length | Ref. No | | | |
| | | Optic cable indoor/outdoor, OM4 50/125 µm multimode fibres, green overall jacket. | | | | | |
| | | P118463 P120006 | OM4 50/125, Tight buffered, 6 fibres | 2100 m | VDIC52406T | | |
| | | | | Cut to length | VDIC52406TM | | |
| | | P118465 P120008 | OM4 50/125, Tight buffered, 12 fibres | 2100 m | VDIC52412T | | |
| | | | | Cut to length | VDIC52412TM | | |
| | | P118466 P120009 | OM4 50/125, Tight buffered, 24 fibres | 2100 m | VDIC52424T | | |
| | | | | Cut to length | VDIC52424TM | | |
| | | | | OS1/OS2 9/125 µm | | | |
| | | | | Type | Length | Ref. No | |
| | | | | Optic cable indoor/outdoor, OS1/OS2 9/125 µm single-mode fibres, green overall jacket. | | | |
| | | | | P118463 P120006 | OS1/OS2 9/125, Tight buffered, 6 fibres | 525 m | VDIC42506T |
| | | | | | | 2100 m | VDIC52506T |
| | Cut to length | | | | VDIC52506TM | | |
| P118465 P120008 | OS1/OS2 9/125, Tight buffered, 12 fibres | | | 525 m | VDIC42512T | | |
| | | | | 2100 m | VDIC52512T | | |
| | | | | Cut to length | VDIC52512TM | | |
| P118466 P120009 | OS1/OS2 9/125, Tight buffered, 24 fibres | | | 525 m | VDIC42524T | | |
| | | | | 2100 m | VDIC52524T | | |
| | | | | Cut to length | VDIC52524TM | | |

Actassi fibre optic patch cords

Actassi fibre optic patch cords ensure a reliable transmission in data networks. They are available with several types of connectors (SC, LC, ST), from multimode (OM1, OM2, OM3, OM4) to single-mode (OS1/OS2) performances, in different lengths to cover all installation needs.

All fibre optic patch cords are compliant with ISO/IEC 11801: 2011 Ed2.2 and provide safe plug & play with a high quality thanks to the performances, the LSFRZH sheath (LSZH with fire retardant properties) and the warranties.



Specifications

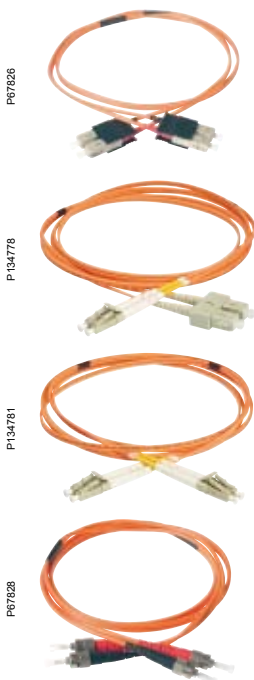
- Optic patchcords suitable for patching within technical rooms and at workstation between passive and active equipments:
 - factory terminated
 - 100 % optically tested
 - delivered with insertion loss report tests
 - zirconia ceramic material ferrules
 - available in OM1, OM2, OM3, OM4 performances
 - available with ST, SC and LC types of connectors
 - 2 mm coloured sheath for a quick and easy identification of performances
 - Low Smoke Zero Halogen (LSZH) sheath
- Flame retardant according to IEC 60 332-1, EN 50 265 2.1, NF C 32 070 2.1 (Category C2). Fire retardant according to IEC 60 332-3 C, EN 50 266, NF C 32 070 2.2 (Category C1).

Performances

- SC connectors compliant with TIA/EIA 604-3 and IEC 61754-4 Ed. 2
- LC connectors compliant with TIA/EIA 604-10A and IEC 61754-20 Ed. 2
- ST connectors compliant TIA/EIA 604-2 and IEC 61754-2
- OM2 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.1 and ISO/IEC 11801: 2011 Ed2.2 OM2
- OM3 50/125 compliant with ITU G.651, IEC 60793-2-10 Type A1a.2 and ISO/IEC 11801: 2011 Ed2.2 OM3
- OM4 50/125 compliant with IEC 60793-2-10 Type A1a.3, ISO/IEC 11801: 2011 Ed2.2 OM4
- OS1/OS2 9/125 compliant with ITU G.652.D, IEC 60793-2-50 Type B1.3, ISO/IEC 11801: 2011 Ed2.2 OS2
- Cable mechanical characteristics tested according to IEC 60794-1.

Fibre Optic Patch cords OM1 62.5/125

| Type | Length | Ref. No |
|-------------------------------|--------|------------|
| Optic Patch cord SCd/SCd LSZH | 1 m | VDIP541331 |
| | 2 m | VDIP541332 |
| | 3 m | VDIP541333 |
| | 5 m | VDIP541335 |
| Optic Patch cord SCd-LCd LSZH | 1 m | VDIP541351 |
| | 2 m | VDIP541352 |
| | 3 m | VDIP541353 |
| | 5 m | VDIP541355 |
| Optic Patch cord LCd/LCd LSZH | 1 m | VDIP541551 |
| | 2 m | VDIP541552 |
| | 3 m | VDIP541553 |
| | 5 m | VDIP541555 |
| Optic Patch cord ST/ST LSZH | 1 m | VDIP541111 |
| | 2 m | VDIP541112 |
| | 3 m | VDIP541113 |
| | 5 m | VDIP541115 |



P67628



P67819



P134789



P67628



P68822



P134784



P134782



Fibre Optic Patch cords OM2 50/125

| Type | Length | Ref. No |
|-------------------------------|--------|------------|
| Optic Patch cord SCd/SCd LSZH | 1 m | VDIP542331 |
| | 2 m | VDIP542332 |
| | 3 m | VDIP542333 |
| | 5 m | VDIP542335 |
| Optic Patch cord LCd/SCd LSZH | 1 m | VDIP542351 |
| | 2 m | VDIP542352 |
| | 3 m | VDIP542353 |
| | 5 m | VDIP542355 |
| Optic Patch cord LCd/LCd LSZH | 1 m | VDIP542551 |
| | 2 m | VDIP542552 |
| | 3 m | VDIP542553 |
| | 5 m | VDIP542555 |
| Optic Patch cord ST/ST LSZH | 1 m | VDIP542111 |
| | 2 m | VDIP542112 |
| | 3 m | VDIP542113 |
| | 5 m | VDIP542115 |

Fibre Optic Patch cords OM3 50/125

| Type | Length | Ref. No |
|-------------------------------|--------|------------|
| Optic Patch cord SCd/SCd LSZH | 1 m | VDIP543331 |
| | 2 m | VDIP543332 |
| | 3 m | VDIP543333 |
| | 5 m | VDIP543335 |
| Optic Patch cord LCd/SCd LSZH | 1 m | VDIP543351 |
| | 2 m | VDIP543352 |
| | 3 m | VDIP543353 |
| | 5 m | VDIP543355 |
| Optic Patch cord LCd/LCd LSZH | 1 m | VDIP543551 |
| | 2 m | VDIP543552 |
| | 3 m | VDIP543553 |
| | 5 m | VDIP543555 |



P134779



Fibre Optic Patch cords OM4 50/125

| Type | Length | Ref. No |
|-------------------------------|--------|------------|
| Optic Patch cord LCd/LCd LSZH | 1 m | VDIP544551 |
| | 2 m | VDIP544552 |
| | 3 m | VDIP544553 |
| | 5 m | VDIP544555 |

P134777



Fibre Optic Patch cords OS1/OS2 9/125

| Type | Length | Ref. No |
|-------------------------------|--------|------------|
| Optic Patch cord SCd/SCd LSZH | 1 m | VDIP545331 |
| | 2 m | VDIP545332 |
| | 3 m | VDIP545333 |
| | 5 m | VDIP545335 |
| Optic Patch cord LCd/SCd LSZH | 1 m | VDIP545351 |
| | 2 m | VDIP545352 |
| | 3 m | VDIP545353 |
| | 5 m | VDIP545355 |
| Optic Patch cord LCd/LCd LSZH | 1 m | VDIP545551 |
| | 2 m | VDIP545552 |
| | 3 m | VDIP545553 |
| | 5 m | VDIP545555 |

P67817



P67816



Adapters

- Fibre optic adapters suitable to connect and align optic connectors (for both applications: optic patchpanels in technical rooms and faceplates at workstation)
- both multimode and singlemode versions
- identification of multimode adapters with beige color
- identification of singlemode adapters with blue color
- available in SC, SC APC, ST, LC and MPO formats
- zirconia ceramic material ferrules
- snap-in latch.

Multimode (MM) adapters

| Type | Qty/pack | Ref. No |
|---------------------------|----------|-------------|
| SC Duplex Adapter MM | 1 | VDIB6031001 |
| | 100 | VDIB6031002 |
| SC Simplex Adapter MM | 1 | VDIB6021001 |
| ST Simplex Adapter MM | 1 | VDIB6011001 |
| | 100 | VDIB6011002 |
| LC Duplex Adapter sq MM | 1 | VDIB6051001 |
| | 100 | VDIB6051002 |
| LC Duplex Adapter rect MM | 1 | VDIB6051003 |
| | 100 | VDIB6051004 |

Singlemode (SM) adapters

| Type | Qty/pack | Ref. No |
|---------------------------|----------|-------------|
| SC Duplex Adapter SM | 1 | VDIB6032001 |
| | 100 | VDIB6032002 |
| SC APC Simplex Adapter SM | 1 | VDIB6072001 |
| SC APC Duplex Adapter SM | 1 | VDIB6082001 |
| LC Duplex Adapter sq SM | 1 | VDIB6052001 |
| | 100 | VDIB6052002 |
| LC Duplex Adapter rect SM | 1 | VDIB6052003 |
| | 100 | VDIB6052004 |

P 133697



P 133692



P 134792



P 133694



P 133699



P 133688



P 133695



P 133701



P 133693



P 133700



Actassi fibre optic panels

A simple all-in-one concept, pre-equipped with for example Quick Fix function, coiling wheels and cable glands. It has a capacity of 24 fibres and has transparent lids for protection and a clear visibility of the inside. Can hold up to 4 cover plates, and since it is delivered with 3 blank plates, the choice is open for the fourth to be used according to your needs. The cover plates are available in empty and pre-equipped versions with adapters.



To match your fibre optic panel we have developed a range of pre-equipped coverplates. It's a time-saving, safer and smarter way to work with your installations.



Coiling wheels

The panel contains wheels to keep the fibres in place and to avoid tension on the connectors. This will also give a correct bending radius and more space for excess lengths of the fibres.



Excellent protection

The transparent covers give both protection and overview. The front covers can be opened for quick access and the top cover is easily removed.



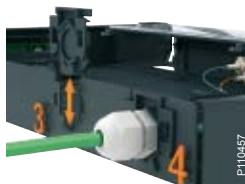
Clear marking

Since the marking is very clear, identifying the cable you are looking for will never be a problem.



Integrated guiding panel

A patchcord guiding panel, with smoothly shaped edges to protect the cords, is integrated in the panel. So there is no need to add a separate guiding panel that would take another 1U space.



Rear quick fixation

A quick-fixation system is provided for the cables at the rear. Use the provided 16 mm glands for cables. If a 21 mm gland (not provided) is needed, just remove the rear plastic support and fix the gland directly in the cable entry. Quick and easy!



Sliding function

The panel can be slid or completely removed for a more convenient working position.



P111286



Evolution universal sliding fibre optic panel 1U

- Universal sliding 19" fibre optic panel with 4 positions, equipped with 3 blank plates. The 1st position is empty and is to be fitted with suitable coverplate
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Removable transparent cover mounted
- Fibre patchcord guiding structure at the front, protected by cover equipped with label holders
- Maximum density of 48 fibres for 1U (LC rectangular version).

Evolution panel for direct terminations

- Equipped with 2 coiling wheels and 2 PG9 (Ø 7 mm max.) cable glands.

| Description | Reference |
|--|-------------------|
| Evolution Fibre optic panel 1U with 3 blank plates for direct terminations | VDIG150991 |

P111287



Evolution panel for splices

- Equipped with one coiling wheel, 2 PG9 (Ø 7 mm max.) cable glands and one splicing cassette (without splice holder)
- Possibility to stack up to 2 splicing cassettes for high density.

| Description | Reference |
|---|----------------------|
| Evolution Fibre optic panel 1U with 3 blank plates, for splices | VDIG150991001 |

P120602



Basic universal sliding fibre optic panel 1U Basic

- Universal sliding 19" fibre optic panel with 4 positions
- 1 Quick Fix function on both sides to allow a simple, quick fixing position and sliding feature
- Removable transparent cover mounted
- Fibre patchcord guiding structure at the front
- Equipped with 1 coiling wheel and 2 PG9 (Ø 7 mm max.) cable glands.

| Description | Reference |
|----------------------------|-------------------|
| Basic fibre optic panel 1U | VDIG050991 |

P120600



Splicing optic cassette

- Compatible with three references of fibre optic panels above, VDIG150991, VDIG150991001, VDIG050991
- Delivered with a cover
- Capacity up to 24 fibres. Recommended for 12 fibres
- 2 cassettes can be stacked inside the 1U fibre optic panel.

| Description | Reference |
|--|-------------------|
| Fibre optic splicing cassette with cover | VDIM15C112 |





Plates

- Blank plates and coverplates to be fixed on fibre optic Quick Fix panel ref VDIG150991, VDIG150991001 and VDIG050991
- Quick fixation by push-pull rivets.

Coverplates with adapters

| Description | Reference |
|---|-------------|
| Coverplate provided with 3 SC duplex multimode adapters | VDIM1530311 |
| Coverplate provided with 6 ST multimode adapters | VDIM1510611 |
| Coverplate provided with 3 LC duplex multimode adapters | VDIM1550311 |

Coverplates without adapters

| Description | Reference |
|---|------------|
| Coverplate for 3 SC duplex adapters | VDIM153031 |
| Coverplate for 6 ST adapters | VDIM151061 |
| Coverplate for 3 LC duplex adapters (compatible with LC duplex Adapters / square VDIB6051001, VDIB6051002, VDIB6052001 and VDIB6052002). | VDIM155031 |
| Coverplate for 6 LC duplex adapters (compatible with LC duplex Adapters / rectangular VDIB6051003, VDIB6051004, VDIB6052003 and VDIB6052004). | VDIM155061 |

Blank plate

| Description | Reference |
|-----------------------------------|------------|
| Blank plate for fibre optic panel | VDIM150061 |

Internal fixing plate for 1 adapter MPO to be fixed at the rear of the panel

| Description | Reference |
|---|------------|
| Internal fixing plate for 1 adapter MPO | VDIM157021 |

19" power panel 16 A/250 V

- Profile: 1U height ALU Anodize
- Sockets: 2-pole with earthing contact 16 A/3680 W, AC 250 V, IP20, colour RAL 7016, plastic material: PA6 GF30
- 1 Quick Fix function on both sides to allow a simple, quick fixing position fitted with 3 m length power cord
- Supplied with personalized cable identification labels.

Standard

| Description | Reference |
|--|-------------------|
| Power panel 9 x French outlets according to NF C 61314 | VDIG161911 |
| Power panel 9 x Schuko outlets according to DIN 49 440 | VDIG161931 |
| Power panel 9 x Danish outlets according to DS/IEC 60884-1 | VDIG161941 |
| Power panel 9 x Danish outlets EDB according to DS/IEC 60884-1 | VDIG161951 |

With protected light switch




| Description | Reference |
|--|-------------------|
| Power panel 8 x French outlets according to NF C 61314 | VDIG162711 |
| Power panel 8 x Schuko outlets according to DIN 49 440 | VDIG162731 |
| Power panel 8 x Danish outlets according to DS/IEC 60884-1 | VDIG162841 |

With protected light switch + overvoltage protection

- Short circuit protection 6.5 kA
- Protection level Up 1.5 kV
- Optic signal for function (green)
- Optic signal for defect (orange).

| Description | Reference |
|--|--------------------|
| Power panel 7 x French outlets according to NF C 61314 | VDIG164711 |
| Power panel 7 x Schuko outlets according to DIN 49 440 | VDIG164731 |
| Power panel 7 x Danish outlets 10 amp. according to DS/IEC 60884-1 | VDIG1647411 |



| | | With circuit breaker/earth leakage 230 V, 16 A, 30 mA | |
|---------|---|--|--------------------|
| | | Description | Reference |
| P110142 |  | Power panel 6 x French outlets according to NF C 61314 | VDIG163611 |
| P110674 |  | Power panel 6 x Schuko outlets according to DIN 49 440 | VDIG163631 |
| P110673 |  | Power panel 6 x Danish outlets 10 amp. according to DS/IEC 60884-1 | VDIG1636411 |





Enclosures for indoor needs

Wall-mounting

Floor-standing



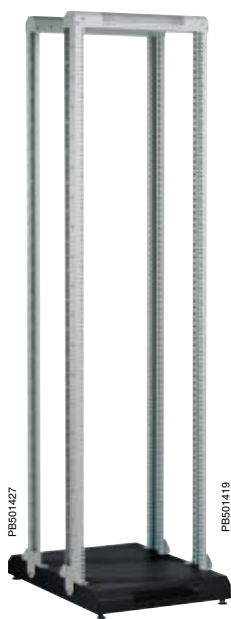
PB501435



PB501418



PT33087



PB501427



PB501419



PB501631

Actassi Enclosures

Actassi wall-mounting enclosures

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Actassi Enclosures

With the Actassi system you can create a seamless end-to-end network connectivity solution for all needs. There are different conditions and demands on the installations in buildings, data centres and small offices. That is why Actassi includes all possible sizes of wall-mounting and floor-standing enclosures, from 6 to 47 units in different widths, depths, colours and compositions. You can always find an Actassi enclosure that gives a perfect result.



Do you want to have other enclosures than standard? No problem. With Actassi enclosures it's possible to customize colour, accessories, specific lining etc according to your personal needs.



The Digital Rule helps you select products

Hard to select the Actassi enclosures, RJ45 connectors, patch panels and cables? Visit schneider-electric.com and try our Digital Rule. It's an intelligent online e-catalogue which will facilitate your choices and ensure an error-free specification.



Actassi wall-mounting enclosures

The Actassi wall-mounting OPB OpenBox enclosures allow you to easily integrate patch panels, cables, switches and digital recorders. All the lining can be removed without tools, and with the swing-rack version of OPB, with a quick-locking system, you'll get access to the connections from the back to handle the maintenance in a convenient way. Too hot in the enclosure? No problem, it's easy to integrate a blanking plate with two fans. With Actassi KDB, the new flat-pack knock-down boxes, you save 60 % of space in the stock. And it takes only 5 minutes to assemble it.



Actassi OPB and KDB



Actassi OPB
Open Box with swing
rack



Actassi OPB
Open Box with fixed
rack



Actassi OPB
Mobile Open Box



Actassi KDB
Knock-Down Box

Actassi VDC and XS-E



Actassi VDC
Monobloc 1 body



Actassi VDC
Monobloc 2 bodies



Actassi XS-E
Small office and Home
office

Maximised capacity and swift maintenance with Actassi OPB

Time for adjustments? Just open the sides and fold out the swing rack. Replace and add whatever parts you need, no tools are necessary. Fold back the rack, close the sides and you are done. To increase the flexibility of the entire installation, use the Actassi OPB as a distributed solution.



The Actassi OPB serves perfectly as a distributed solution. In a hospital for instance, the need for quick, reliable and easily expandable network connectivity can be crucial.

Actassi OPB – open for installation

The Actassi OPB is wide open for a swift and struggle-free installation. Steady as a rock, even with the side panels and the door dismantled.

The swing rack makes all the difference

When making the first installation, as well as continuous upgrades, you will find that the swing rack makes all the difference for you as an installer. Access from all sides, pre-cut cable entries and minimum usage of tools are some of the other features that make the OPB truly open for installation and maintenance.



Side panels are easily removed without tools.

Easy to install using fixing points.

Pre-cut cable entry from both top and bottom.

Door easily mounted and removed without tools.

Both sides are openable.

Securit® safety glass door.

Key lock

PB501485

Side panel is opened and locked from the inside.

Quick-lock, 1/4-turn nuts.

Swing rack for easy installation and maintenance.

Gradual 25 mm depth adjustment.

OPB

19" Wall Open Box

Ergonomic and adaptable



Actassi OPB is assembled at delivery, ready to use



Side panels, swing rack and door can be opened and removed without tools. Quick and easy.

50 kg

The body allows mounting of components up to 50 kg.



Easy to install

The Actassi OPB enclosure can be wall-mounted by a single person using the fixing points intended for the passage of holding screw heads into the wall.



Ergonomics

The side panels swing through 120° and can be easily removed without tools. Rear access is easy. Door easily removable without tools.



Easy to cable

The cable entries, top or bottom, are pre-cut and open into the rear of the Actassi OPB enclosure. The enclosure fits around those cables that are already in place (rear blanking plate optional).



Adaptable

The 19" uprights are designed to be depth-adjustable with a step of 25 mm. Their fixing with screws guarantees the rigidity of the Actassi OPB enclosure.



Easy to install and to reverse

Its drilling template on the packaging and its 4 wall-mounting points enable quick and efficient installation while guaranteeing reversibility by simply turning the enclosure around.



Ergonomics

The side panels are locked from the inside by two 1/4-turn nuts, accessible only when the door is open.

OPB

19" Wall Open Box with swing rack
Open for easy installation and maintenance

Introduction and selection guides



PB501435

- Wall-mounting enclosure made from folded and welded sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Enclosure made up of a body, 2 hinged and removable side panels, a 19" swing rack and a Securit® glass transparent door with key no. 333
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Available enclosures:
 - 5 heights: 6, 9, 12, 15, 18U
 - 3 depths: 400, 500 and 600 mm
- Swing rack: acceptable load of 25 kg (Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.



Total accessibility with the swing rack and the swingable and removable side panels and door.

Installed enclosures



| Number of U | Dimensions (mm) | | | Enclosure reference | Blanking plate | Cable-gland plate with brush gasket | Blanking plate with 2 fans |
|-------------|-----------------|-------|-------|---------------------|----------------|-------------------------------------|--|
| | Height | Width | Depth | | | | |
| 6 | 380 | 600 | 400 | NSYOPB6U4P | NSYOPB6UTPN | NSYECP300 | To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK |
| 6 | 380 | 600 | 500 | NSYOPB6U5P | NSYOPB6UTPN | | |
| 9 | 515 | 600 | 400 | NSYOPB9U4P | NSYOPB9UTPN | | |
| 9 | 515 | 600 | 500 | NSYOPB9U5P | NSYOPB9UTPN | | |
| 12 | 650 | 600 | 500 | NSYOPB12U5P | NSYOPB12UTPN | | |
| 12 | 650 | 600 | 600 | NSYOPB12U6P | NSYOPB12UTPN | | |
| 15 | 780 | 600 | 500 | NSYOPB15U5P | NSYOPB15UTPN | | |
| 15 | 780 | 600 | 600 | NSYOPB15U6P | NSYOPB15UTPN | | |
| 18 | 915 | 600 | 500 | NSYOPB18U5P | NSYOPB18UTPN | NSYECVT300 | |

OPB

19" Wall Open Box with fixed rack

Ergonomic and adaptable

Introduction and selection guides



PB501434



2U extra space "for free",
1U in the top and 1U in the
bottom. Can be used for
example for power rails.

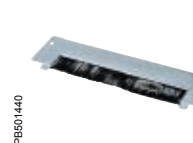
- Wall-mounting enclosure made from folded and welded sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Enclosure made up of a body, 2 hinged and removable side panels, 19" fixed uprights and a Securit® glass transparent door or plain sheet steel door with key no. 333
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08 (for glazed door)
 - impact energy = 5 joules
- Impact Protection: IK10 (for plain door)
 - impact energy = 20 joules
- Available enclosures:
 - 6 heights: 6, 9, 12, 15, 18, 21U
 - 3 depths: 400, 500 and 600 mm
- Fixed 19" rack. Acceptable load: 3 kg/U; max. 50 kg per enclosure (Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.

Installed enclosures



| Number of U | Dimensions (mm) | | | Enclosure reference | Blanking plate | Cable-gland plate with brush gasket | Blanking plate with 2 fans |
|-------------|-----------------|-------|-------|---------------------|----------------|-------------------------------------|---|
| | Height | Width | Depth | | | | |
| 6 | 380 | 600 | 400 | NSYOPB6U4F | NSYOPB6UTPN | NSYECV300 | To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK |
| 6 | 380 | 600 | 500 | NSYOPB6U5F | NSYOPB6UTPN | | |
| 9 | 515 | 600 | 400 | NSYOPB9U4F | NSYOPB9UTPN | | |
| 9 | 515 | 600 | 500 | NSYOPB9U5F | NSYOPB9UTPN | | |
| 9 | 515 | 600 | 600 | NSYOPB9U6F | NSYOPB9UTPN | | |
| 12 | 650 | 600 | 400 | NSYOPB12U4F | NSYOPB12UTPN | | |
| 12 | 650 | 600 | 500 | NSYOPB12U5F | NSYOPB12UTPN | | |
| 12 | 650 | 600 | 600 | NSYOPB12U6F | NSYOPB12UTPN | | |
| 15 | 780 | 600 | 400 | NSYOPB15U4F | NSYOPB15UTPN | | |
| 15 | 780 | 600 | 500 | NSYOPB15U5F | NSYOPB15UTPN | | |
| 15 | 780 | 600 | 600 | NSYOPB15U6F | NSYOPB15UTPN | | |
| 18 | 915 | 600 | 400 | NSYOPB18U4F | NSYOPB18UTPN | | |
| 18 | 915 | 600 | 500 | NSYOPB18U5F | NSYOPB18UTPN | | |
| 21 | 1050 | 600 | 500 | NSYOPB21U5F | NSYOPB21UTPN | | |
| 21 | 1050 | 600 | 600 | NSYOPB21U6F | NSYOPB21UTPN | | |

Enclosure with plain door



| Number of U | Dimensions (mm) | | | Enclosure reference | Blanking plate | Cable-gland plate with brush gasket | Blanking plate with 2 fans |
|-------------|-----------------|-------|-------|---------------------|----------------|-------------------------------------|---|
| | Height | Width | Depth | | | | |
| 9 | 515 | 600 | 400 | NSYOPB9U4FR | NSYOPB9UTPN | NSYCP300 | To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK NSYECVT300 |
| 12 | 650 | 600 | 400 | NSYOPB12U4FR | NSYOPB12UTPN | | |
| 15 | 780 | 600 | 500 | NSYOPB15U5FR | NSYOPB15UTPN | | |
| 18 | 915 | 600 | 500 | NSYOPB18U5FR | NSYOPB18UTPN | | |

OPB

19" Mobile Open Box

Flexible and versatile

Made for audiovisual application

Technical characteristics

- The body of the enclosure has cut-outs at the top and bottom to allow natural ventilation
- The cables can enter through the rear opening and through the pre-cut areas on the top and bottom surfaces of the enclosure
- 4 cut-outs are provided for wall-mounting
- The 2 side panels can be opened very easily by means of two 1/4-turn nuts. These panels can be removed, without tools
- The 19" uprights in zinc-coated steel are depth-adjustable on a 25 mm step
- The Securit® glass door is completely reversible. It is equipped with a handle and a lock with closure by key no. 333. It is easily dismantable without tools
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E.

Composition

- Actassi OPB with top and bottom cut-outs
- 1 glazed front door with a lock, key no. 333
- 1 rear plate, reference: **NSYOPB6UTPN** to **NSYOPB21UTPN**
- 4 depth-adjustable 19" uprights. Additional uprights available
- 4 castors, reference **NSYRUFOPB**
- Option of installing a plinth instead of the castors.

P6601476





PB501438

Rear blanking plate

- Blanking plate made from sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester
- Delivered with the fixings required for installation.

| Number of U | Reference |
|-------------|--------------|
| 6 | NSYOPB6UTPN |
| 9 | NSYOPB9UTPN |
| 12 | NSYOPB12UTPN |
| 15 | NSYOPB15UTPN |
| 18 | NSYOPB18UTPN |
| 21 | NSYOPB21UTPN |



PB501439

Additional 19" uprights

- Batch of two 19" uprights delivered with the fixings required for installation
- Material: zinc-coated sheet steel, 20/10 mm thick
- Maximum load: 3 kg/U; max. 50 kg per enclosure
- Unit marking.

| Number of U | Reference |
|-------------|------------|
| 6 | NSYOPB6UF |
| 9 | NSYOPB9UF |
| 12 | NSYOPB12UF |
| 15 | NSYOPB15UF |
| 18 | NSYOPB18UF |
| 21 | NSYOPB21UF |



PB501441

19" uprights, rear, 2U

- Allows to save 2U on the front and to fix Power Distribution Unit on the back of the enclosure
- Batch made up of 2 partial 2U 19" uprights delivered with the fixings required for installation
- It is fixed to the rear of the enclosure
- It allows the installation of products in 19" format
- Height adjustment with a step of 44.45 mm (1U)
- Material: zinc-coated sheet steel.

| Number of U | Reference |
|-------------|-----------|
| 2 | NSYSSOPB |



PB501445

Cable support for enclosure, rear

- Allows to secure and guide the cables on the back of the enclosure
- Fixed to the rear of the enclosure to support and fix the cables
- Height adjustable with a step of 44.45 mm (1U)
- Material: zinc-coated steel
- Delivered with the fixings required for installation.

| Cable support |
|---------------|
| NSYSPBOPB |

Actassi KDB knock-down boxes – ideal for smaller businesses

Imagine providing excellent equipment for network, telephone, security and audio video while saving up to 60 % on stock space. Add smart benefits like the flat package and the exceptional mounting time of 5 minutes, and you have the major advantages of the KDB enclosure in a little box.

Actassi KDB knock-down box

A sturdy, robust enclosure made of welded sheet steel, with great opportunities for several kinds of installations, would probably lead to quite time- and space-consuming mounting and installation. Not the Actassi KDB knock-down boxes. The keyword is “easy”.

Easy to stock, assemble and manage

Let's start with the package. The clever flat pack will help save up to 60 % on storage space. It's easy to stock – just grab a couple of packages from the shelf, load them into your car and you are ready to go.

On site, the enclosure can be put up, wall-mounted and prepared for the components in just a few minutes. In addition, there are a number of handy features that provide equal easiness: the tool-less door with spring hinges for optimised access to the patch panels, the brush panel for swift cable management and the fan plates for smart ventilation.



Save 60 % on stock space

The KDB enclosure is easy to stock and load. The flat pack allows you to save up to 60 % on space, which means you can make more installations in less time.



The Actassi KDB boxes are available at your wholesaler. Always quick and easy to find an enclosure for your needs.

5 minutes
1 person
1 tool

Actassi KDB enclosure offers exceptional simplicity in terms of mounting and installation. One person can have the KDB set up in less than 5 minutes. And the only tool needed is a regular screwdriver.



KDB

19" Wall Knock-Down Box

Simple and space-saving



P133087



5 minutes

You need only five minutes to mount the Actassi KDB enclosure.



Easy to assemble. You only need one single tool. A drilling template facilitates the fixation on the wall.

40 kg

The body allows mounting of components up to 40 kg.



P133084

Easy to stock and ship

The flat-pack architecture of KDB saves 60 % of space in the stock. It is also very easy to ship and carry.



P134689

Easy to assemble

The symmetric construction of the top, bottom and side panels gives easy and safe assembling.



P134681

Easy to use

Tool-less door with spring hinges facilitates the access to the patch panels.



P131658

Easy to manage the cables (option)

Use the 19" brush panel to manage the entry of cables in a safe way in the top and bottom.



P131653

Smart ventilation (option)

Secure the installed components like switches and PABX. Use the 19" smart fan plates equipped with a thermostat adjustable from 0°C to 55°C



P134690

Easy to adapt

If you need more space at the front of the enclosure, you can easily move the 19" uprights each 25 mm.

KDB

19" Wall Knock-Down Box

Simple and space-saving

Introduction and selection guides



- Flat-pack wall-mounting enclosure dismounted in 1 package
- Symmetric enclosure made from welded sheet steel, powder-painted, leather-grain finish, RAL 7035 light grey epoxy-polyester.
- Enclosure made up of a body, one pair of 19" fixed uprights and a Securit® glass transparent door with key no. 333.
- Top and bottom 19" Knock-down plates for entry cables and fans – 0U
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08
- impact energy = 5 joules
- Acceptable load: 3 kg/U; max. 40 kg per enclosure.
(Include 25 % of margin load rating according to the IEC 62208)
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310-E
- Brush entry cables NSYCRTM1U1PS (in option)
- Smart fan NSY1FAN230T to manage the temperature from 0°C to 55°C (in option).

60 %

The flat-pack saves 60 % of space in the stock



| Number of U | Dimensions (mm) | | | Enclosure Reference | Brush entry cables | Smart fan |
|-------------|-----------------|-------|-------|---------------------|---------------------|--------------------|
| | Height | Width | Depth | | | |
| 6U | 352 | 600 | 400 | NSYKDB6U4F | NSYCRTM1U1PS | NSY1FAN230T |
| 9U | 485 | 600 | 400 | NSYKDB9U4F | | |
| 12U | 618 | 600 | 600 | NSYKDB12U6F | | |
| 15U | 752 | 600 | 600 | NSYKDB15U6F | | |

Smart and Basic fans







- 19" fan plate
- 0U on top and bottom of the box
- 3U fixed on the 19" uprights
- Equipped with 1 or 2 fans
- 90 CFM for each one (155 m³/h)
- 230 V - AC
- plugs IEC 14 to power
- in: socket IEC C14 - To be powered with IEC C13 plug power cable
- Delivered without cable.

Smart fans

- Equipped with 1 adjustable thermostat 0°C to 55°C
- Equipped with 1 led switch On/Off.





Basic fans

- WITHOUT thermostat and switch.

| Smart fans | | Type | Reference |
|------------|---|--------|-------------|
| P133103 |  | 1 Fan | NSY1FAN230T |
| |  | | |
| P131633 |  | 2 Fans | NSY2FAN230T |
| |  | | |
| Basic fans | | Type | Reference |
| P133102 |  | 1 Fan | NSY1FAN230 |
| P133104 |  | 2 Fans | NSY2FAN230 |

Cables for smart & basic fan plates

- Black power cables of 3m to power the fan plates.

| | Plug Out | Plug In | Reference | | Plug Out | Plug In | Reference | |
|---------|---|---------|-----------|-------------|----------|--|--------------------|---------------|
| P133088 |  | IEC C13 | Schuko/FR | NSYIEC13SCH | P133100 |  | IEC C13 DK | NSYIEC13DK |
| P133099 |  | IEC C13 | UK | NSYIEC13UK | P133101 |  | IEC C13 IEC C14 | NSYIEC13IEC14 |

VDC
19" enclosure
Simple & robust



The Actassi VDC 19" enclosure is a simple and efficient solution for your installations.

and also...

- Choice 6, 9, 12, 15 and 18U in height and 400, 450 and 550 mm in depth. Available with door.
- Practical
Equipped with a 19" rack with adjustable depth.

VDC 19" enclosure Simple & robust



Easy to cable

Equipped with top and bottom cable entries (knock-out areas) which are flush with the wall.



Improved accessibility

The 2-body Actassi VDC enclosure enables total accessibility to the rear of your installation. Opening from the inside of the enclosure.



Easy to assemble and reversible

Its drilling template on the packaging and its 4 wall-mounting points enable quick and efficient installation while guaranteeing reversibility by simply turning the enclosure around.



Ventilated

Equipped with top and bottom ventilation louvres for natural ventilation of your installations.



Ergonomic

Easily dismountable hinges with captive pins. Units marked.



Adaptable

Two 19" uprights, depth-adjustable with a 25 mm step.

VDC

19" enclosure, 1 body

Simple & robust



Technical characteristics

- Monobloc enclosure made from folded and welded sheet steel, powder paint, leather-grain finish, RAL 7035 light grey epoxy-polyester, for the body and the door
- Reversible door opening direction by simply inverting the enclosure
- Protection rating: IP20
- Resistance to external mechanical impacts: IK08 with glazed door
- Indoor use
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08 (for glazed door)
- impact energy = 5 joules
- Equipped with top and bottom cable entries (knock-out areas)
- Acceptable load: 3 kg/U; max. 50 kg per enclosure
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Composition

- Perforated rear for wall-mounting (4 x Ø 6.5 mm)
- Direct wall-mounting or using the fixing lugs as accessories, references **NSYAEFPFSC** and **NSYAEFPFXSC**, for the pre-equipped enclosures
- The pre-cut entries allow the installation of blanking plates or the application of forced ventilation
- Top and bottom natural ventilation louvres
- 2 depth-adjustable 19" uprights
- Glazed front door, sheet-steel frame, RAL 7035 light grey paint and glued 4 mm Securit® glass
- Easily dismountable 120° hinges, with captive pin
- Locking by key no. 333
- Possibility of installing 180° hinges, reference **NSYAEDH180S3D**, as an accessory.

1-body enclosure, 400 mm depth, from 6 to 18U



| 1-body enclosure no. of usable U | Dimensions (mm) | | | Reference of the enclosure with glazed door | Additional 19" Uprights Reference | Blanking plate with | | |
|----------------------------------|-----------------|-------|-------|---|-----------------------------------|---------------------|--|---------------------|
| | Height | Width | Depth | | | Brush gasket | 2 fans | Ventilation louvres |
| 6 | 310 | 600 | 400 | NSYVDC6U64 | NSYVDC6UF | NSYECV300 | To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK NSYECVT300 | NSYECAV300 |
| 9 | 450 | 600 | 400 | NSYVDC9U64 | NSYVDC9UF | | | |
| 12 | 580 | 600 | 400 | NSYVDC12U64 | NSYVDC12UF | | | |
| 15 | 710 | 600 | 400 | NSYVDC15U64 | NSYVDC15UF | | | |
| 18 | 850 | 600 | 400 | NSYVDC18U64 | NSYVDC18UF | | | |

VDC

19" enclosure, 2 bodies

Simple & robust



PB501438

Technical characteristics

- Monobloc enclosure made from folded and welded sheet steel, epoxy-polyester powder paint, RAL 7035 light grey, leather-grain finish
- Reversible door opening direction by simply inverting the enclosure
- Protection rating: IP20
- Resistance to external mechanical impacts: IK08 with glazed door
- Indoor use
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK08 (for glazed door)
- impact energy = 5 joules
- Equipped with top and bottom cable entries (knock-out areas)
- Acceptable load: 3 kg/U; max. 50 kg per enclosure.
- 600 mm width, 6 to 18U height, 450 and 550 mm depth
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

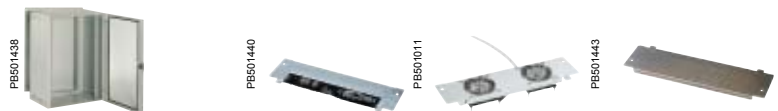
Rear

- Depth 130 mm
- The cables enter through the the pre-cut areas on the top and bottom surfaces of the enclosure
- Option of installing additional 19" uprights available as accessories
- Perforated rear with 4 wall-mounting points (4 x Ø 6.5 mm)
- Direct wall-mounting or using the fixing lugs as accessories, references **NSYAEFPFSC** and **NSYAEFPFXSC**, for the pre-equipped enclosures.

Monobloc body

- Two 19" fixed uprights in galvanised-steel, depth-adjustable on a 25 mm step
- Top and bottom ventilation louvres for natural ventilation of your installation
- Glazed front door, sheet-steel frame, RAL 7035 light grey paint and glued 4 mm Securit® glass
- Easily dismountable 120° hinges, with captive pin
- Locking by key no. 333
- Possibility of installing 180° hinges, reference **NSYAEHDH180S3D**, as an accessory.

2-body enclosures, 450 or 550 mm depth, from, 6 to 18U



| 2-body enclosure no. of usable U | Dimensions (mm) | | | Reference of the enclosure with glazed door | Blanking plate with | | |
|----------------------------------|-----------------|-------|-------|---|---------------------|--|---------------------|
| | Height | Width | Depth | | Brush gasket | 2 fans | Ventilation louvres |
| 6 | 310 | 600 | 450 | NSYVD2C6U64 | NSYECB300 | To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK | NSYECAV300 |
| 6 | 310 | 600 | 550 | NSYVD2C6U65 | | | |
| 9 | 450 | 600 | 450 | NSYVD2C9U64 | | | |
| 9 | 450 | 600 | 550 | NSYVD2C9U65 | | | |
| 12 | 580 | 600 | 450 | NSYVD2C12U64 | | | |
| 12 | 580 | 600 | 550 | NSYVD2C12U65 | | | |
| 15 | 710 | 600 | 450 | NSYVD2C15U64 | | | |
| 15 | 710 | 600 | 550 | NSYVD2C15U65 | | | |
| 18 | 850 | 600 | 450 | NSYVD2C18U64 | | | |
| 18 | 850 | 600 | 550 | NSYVD2C18U65 | | | |

PB501444



Top or bottom blanking plate

- Plain blanking plate
- Material: zinc-coated steel sheet
- Delivered with the fixings required for installation.

Reference
NSYEC300

PB501440



Blanking plate with brush gasket

- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated steel sheet
- Delivered with the fixings required for installation.

| Dimensions (mm) | Reference |
|-----------------|------------|
| 35 x 300 | NSYECPT300 |

PB501009



Total brush gasket

- It is fixed to the top and bottom cable entries.

| Dimensions (mm) | Reference |
|-----------------|------------|
| 100 x 300 | NSYECPT300 |

PB501443



Top or bottom blanking plate with ventilation louvres

- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated sheet steel
- Delivered with the fixings required for installation.

Reference
NSYECAV300

PB501011



Top or bottom blanking plate with 2 fans

- 2 fans installed and wired to on the terminal block, including a protection grille. A power supply cable of 2 m in length is supplied connected
- Free flow of 35 m³/h each
- Fixing to the top or bottom openings of the enclosures
- Material: zinc-coated sheet steel
- Delivered with the fixings required for installation
- Sound level: 35 dB (A)
- To use this blanking plate with UK PDU, order UK adaptor Ref: NSYAPUFRUK.

Reference
NSYECVT300



See also the 19-E
Universal accessories

PB501488



Thermal management
page 198

PB501446



Levelling feet

- Delivered with the fixings required for installation
- Require drilling of the enclosure at the knock-out point for direct installation
- Batch of 4 parts.

Reference
NSYPNOPB

PB501447



Wheels

- Delivered with the fixings required for installation
- Require drilling of the enclosure at the knock-out point for direct installation
- Installation possible on the plinth
- Batch of 4 parts.

Reference
NSYRUFOPB

PB501500



Plinths

- Material: sheet steel, 15/10 mm thick, powder paint, leather grain finish, RAL 7011 dark grey epoxy-polyester
- Height 100 mm
- Delivered with the fixings required for installation
- Removable surfaces
- Knock-out entries on the side and rear surfaces for cable entry.

| Dimensions (mm) | | Reference |
|-----------------|-------|-------------|
| Width | Depth | |
| 600 | 400 | NSYZUN64OPB |
| 600 | 500 | NSYZUN65OPB |
| 600 | 600 | NSYZUN66OPB |

PB501530



Brush gasket for the cable entries through the plinth

- It is fixed to the knock-out areas for the cable entries
- Delivery as a unit.

| Entry width (mm) | Reference |
|------------------|-----------|
| 75 x 400 | NSYJPSVD |

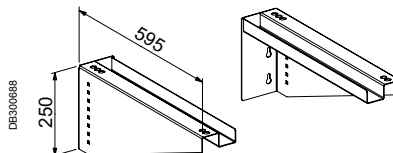
PB501531



Wall-mounting kit for the enclosures

- Allows wall-mounting of enclosures from 6U to 29U, with a depth of 600 mm
- Maximum load inside the enclosure: 50 kg
- The kit includes 2 brackets
- Maximum load inside the rack: 100 kg.

| Enclosure depth (mm) | Reference |
|----------------------|-----------|
| 600 | NSYCFRS |



PB01442



Partial fixed slides

- Batch of 2 slides for supporting a drawer, a shelf or 19" hardware
- Fixing by attachment on the front 19" uprights
- Material: zinc-coated steel
- Acceptable load: 15 kg.

| Width (mm) | Reference |
|------------|--------------------|
| 140 | NSYGF140OPB |

PB01449



Fixed slides

- Batch of 2 slides for supporting a drawer, a shelf or 19" hardware
- Fixing by attachment between the front and rear 19" uprights
- Material: zinc-coated steel
- Heel of 0 mm
- Acceptable load: 15 kg.

| Centre-to-centre distance (mm) | Reference |
|--------------------------------|--------------------|
| 200 | NSYGF200OPB |

PB01450



Rear cable support on 19" uprights

- Fixing to the rear of the 19" uprights to support the cables
- Material: zinc-coated steel
- Delivered with the fixings required for installation.

| Reference |
|------------------|
| NSYSRCOPB |

XS-E

Small Office and Home Office
4 and 8U



- Adaptable
- Ergonomic
- Security

PB501452



PB501453



Adaptable

Two uprights, depth-adjustable in steps of 12.5 mm.

PB501454



Security

The transparent cover, locking with key no. 410, provides physical protection of the connections and prevents unauthorised manipulation of the interconnections.

PB501458



PB501455



Ergonomic

The cover can be completely removed: the internal wiring is easy.

PB501456



PB501457



Easy to cable

Knock-out cable entries on each side allow easy insertion of the cables.

XS-E

Small Office and Home Office 4 and 8U

PE601433



- Wall-mounting enclosure made from folded and welded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- monobloc body
- detachable and lockable cover
- Enclosure available in two heights, 4U and 8U.

Technical characteristics

Enclosure body

- 4 wall-mounting points
- 2 uprights, depth-adjustable in steps of 12.5 mm and centre-to-centre distance for fixing front panels to the rack of 251.8 mm
- Cable entries:
 - on the top and bottom panels (110 x 50 mm)
 - on the side panels (110 x 25 mm)
 - on the rear plate (110 x 150 mm)
- Perforations in the bottom and the sides of the enclosure allow the cables to be fixed by a cable tie.

Cover

- Front plate made from tinted transparent polycarbonate set in a metal frame
- Locking by key no. 410
- Equipped with perforations at the bottom for natural ventilation.

PE601459



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Reference |
|-------------|-------------|------------|------------|-----------|
| 4 | 290 | 310 | 201 | NSYVDH4UF |
| 8 | 460 | 310 | 201 | NSYVDH8UF |

PE501460



Shelf for supporting 1U hardware

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Assembly with fixings reference **NSYGFR95M65**.

Reference

NSYBFMF1U12

PE501461



1U blanking plate

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Assembly with fixings reference **NSYGFR95M65**.

Reference

NSYCRTMH1U

P131676



1U front panel, with cable-gland opening

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Opening protected by a seal
- Assembly with fixings reference **NSYGFR95M65**.

Reference

NSYCRTMH1UPC

PE501463



1U front panel, for RJ45 connectors with 45 x 45 mm or 22.5 x 45 mm supports

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Option of installing nine 22.5 x 45 mm RJ45 connectors.

Reference

NSYCRTMH1U9T

P131677



1U front panel, for RJ45 connectors

- Delivered without connectors and without support
- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Compatible with Slim and Actassi S-One RJ45 connectors.

Reference

NSYCRTMH1U12T

PE501465



1U front panels, for RJ45 connectors

- Folded sheet steel, textured, RAL 7035 light grey epoxy-polyester paint
- Delivered without connector.

A

15

B

19

Reference

NSYCRTMH1U10T

Actassi floor-standing enclosures

Are you looking for an enclosure that is robust and very quick to install? Actassi VDA should be your choice. Smart details and a possibility to choose pre-installed accessories reduce the installation time. If you need a top-of-the-line server enclosure, Actassi VDS is difficult to beat. It can be mounted with up to 750 kg of 19" components, and the micro-perforated door ensures superior air flow (above 80 %).



P131675



PB501631



PB501612

Actassi BTR
Technical rack



PB501520

Actassi VDA
Cabling enclosure



PB501419

Actassi VDA-B
Cabling enclosure



PB501545

Actassi VDA-E
Cabling enclosure



PB501419

Actassi VDA-L
Cabling enclosure.
Prepared for Ruko
locking system



PB501631

Actassi VDS
Server enclosure

Introduction

Heights of 24U and 42U

Applications

- Test rack
- Mixing rack
- Prototype rack.

To be made up of

- 1 steel plinth, 600 x 600 mm
- Two 19" uprights, height of 24 or 42U
- 1 steel cross rail delivered with the 19" uprights
- The fixings required for installation delivered with the 19" uprights.

Advantages

- Shorter assembly time
- Simple handling of the unit by a single operator
- Reduced storage space
- Minimum external dimensions
- Quick coupling
- Option of installing handling castors
- Option of installing 19" accessories:
 - shelves with a depth of 600 mm, ref. **NSYBBF1U40P**, **NSYBBF1U40**, **NSYBBT1U40P**, **NSYBBT1U40** on four 19" uprights
 - support plates **NSYBF2U25P** and **NSYBF2U40P** on two 19" uprights,
 - guides **NSYGCA46**, **NSYGCA410** and **NSYGCA1010**.
- Acceptable static load: 150 kg
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.



| No. of usable U | Batrack plinth ref. | 19" upright and cross-rail kit | Castor ref. | Cable entry trim strips |
|-----------------|---------------------|--------------------------------|-------------|-------------------------|
| 24U | NSYZUN66BTR | NSYBTR24U | NSYRUFVDA | - |
| 42U | NSYZUN66BTR | NSYBTR42U | NSYRUFVDA | NSYPEPM42UBTR |

Composition accessories

Batirack plinth

- Steel plinth, 2 mm thick, format 600 x 600 mm
- RAL 7011 dark grey paint
- Delivered with 4 installation feet.

Reference

NSYZUN66BTR



19" upright and cross-rail kits

- Kit made up of:
 - two 19" steel uprights, 2.5 mm thick, RAL 7035 light grey paint, height of 24 or 42U. Depth-adjustable uprights with a pitch of 25 mm (4 adjustments possible).
 - 1 steel cross rail, 2 mm thick, RAL 7035 light grey paint
 - fixings required for installation.

Number of U

24
42

Reference

NSYBTR24U
NSYBTR42U

Coupling kit

- For coupling 2 Batiracks
- Kit made up of 2 spacers, one plate and the fixings required for installation.

Reference

NSYKYUXBTR



Cable-entry trim strips

- Installed on the 2 spacers of the coupling kit, reference **NSYKYUXBTR**
- Fixing by 4 screws.

Number of U

42

Reference

NSYPEPM42UBTR



Complementary accessories

Floor-standing kit

- Kit made up of 4 brackets and 4 screws.

Reference

NSYKFSBTR



Stiffening kit

- Batch of 2 cable-support stiffening kits
- Installed between the front and rear 19" uprights, with a standard depth of 600 mm.

Reference

NSYTSCBTR



VDA

Easy to install and to integrate
19" Cabling enclosure



Adaptable

The Configured offer allows you to clad the rack according to your needs:

- 2 framework models,
- 13 door models,
- 2 side panel models.

Aesthetics and customisation

3 models referenced: VDA, VDA-B, VDA-E.

2 colour variants:

- bi-colour: RAL 7035 light grey and RAL 7011 dark grey,
- bi-colour: RAL 9011 black and RAL 7011 dark grey.



Saves time

All the doors can be installed and removed quickly. The cladding can be installed and removed by a single operator. The feet can be adjusted from the inside.



Rigidity and sturdiness

400 kg of acceptable static load. Option of increasing to 500 kg using a rigidity kit.



VDA

Easy to install and to integrate 19" Cabling enclosure



PB501533

Innovating

The side cable entry is the most ergonomic and efficient solution on the market. The top and bottom openings, flush with the structure, allow the strands to be prepared before installing the rack. These openings also allow for easy maintenance and are closed when the side panels are installed.



PB501536

Ergonomics

The routing of the cable glands is easier:

- Knock-out side cable glands at top and bottom.
- Knock-out rear cable glands at top and bottom.
- Large opening on the roof, offset towards the rear and equipped with a removable plate. Allows the integration of live equipment at the top and the entry of cables by the rear.
- Large opening at the bottom.



PB501543

Accessories

The central openings on the roof and the base support multiple blanking plate combinations (plain, with brush gasket or ventilated). Optional installation of the blanking plates with the roof plate thanks to the roof stand-offs.



Panels and doors can be installed and removed quickly by a single operator.



PB501535

PB501534

A harmonious design

With modern aesthetics: strip, handle, hinge, in rounded shape, RAL 7011 dark grey.



PB501539

Security

The latches of the panels can be equipped with a key locking system (the key is identical for all the doors).



PB501540

Smart

The pivot and guide system allows the panels to be returned to their place quickly, with maximum security.



The ventilation is adjustable and does not take up any units (1 to 9 fans).



PB501541

Practical

Marking of the units on the front panel and on the side for quick installation of the equipment. The 19" uprights are easily depth-adjustable on the site.



PB501542

Adaptable ventilation

The roof ventilation is depth-adjustable and does not take up any units. Option of installing 1 to 9 fans according to the size of your enclosure.

Introduction

VDA racks, RAL 7035 Light Grey

- Designed for circulation applications with switches and routers
- 6 heights: 24U, 29U, 33U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.



PB501520

VDA rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable blanking plate
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 1-point lock with a key no. 333. Hinges on the right as standard
- Plain partial rear door, opening to 180°, 1-point lock with a key no. 333. Hinge on the right as standard
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Two 19" uprights made from treated steel, installed 100 mm back from the front surface and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film
- Coupling kit not supplied
- If using the rack alone, order the side panels separately
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** and **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



PB501546

VDA racks, RAL 9011 black

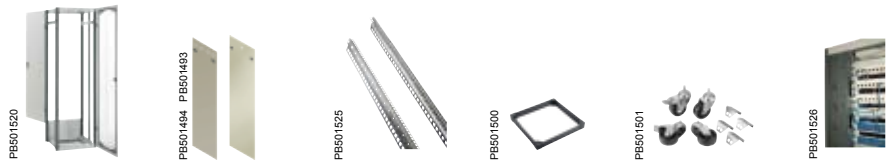
- 2 heights: 24U and 42U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm.

VDA rack composition

- Identical composition to the above equipped rack
- Delivered assembled.

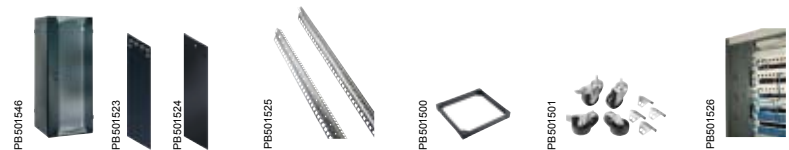
Selection guide

VDA racks, RAL 7035 Light Grey



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack without panels | Side panels | 19" uprights | Plinth 100 mm | Handling castors | Cable-gland trim |
|-------------|-------------|------------|------------|---------------------|----------------|--------------|---------------|------------------|------------------|
| 24U | 1200 | 600 | 600 | NSYVDAC24U66 | NSY2PLVDC24U6 | NSYBR9F24 | NSYZUN66VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 800 | NSYVDAC24U68 | NSY2PLVDC24U8 | NSYBR9F24 | NSYZUN68VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 1000 | NSYVDAC24U610 | NSY2PLVDC24U10 | NSYBR9F24 | NSYZUN610VDA | NSYRUFVDA | - |
| 24U | 1200 | 800 | 600 | NSYVDAC24U86 | NSY2PLVDC24U6 | NSYBR9F24 | NSYZUN86VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 800 | NSYVDAC24U88 | NSY2PLVDC24U8 | NSYBR9F24 | NSYZUN88VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 1000 | NSYVDAC24U810 | NSY2PLVDC24U10 | NSYBR9F24 | NSYZUN810VDA | NSYRUFVDA | NSYPV24 |
| 29U | 1400 | 600 | 600 | NSYVDAC29U66 | NSY2PLVDC29U6 | NSYBR9F29 | NSYZUN66VDA | NSYRUFVDA | - |
| 29U | 1400 | 600 | 800 | NSYVDAC29U68 | NSY2PLVDC29U8 | NSYBR9F29 | NSYZUN68VDA | NSYRUFVDA | - |
| 29U | 1400 | 800 | 600 | NSYVDAC29U86 | NSY2PLVDC29U6 | NSYBR9F29 | NSYZUN86VDA | NSYRUFVDA | - |
| 29U | 1400 | 800 | 800 | NSYVDAC29U88 | NSY2PLVDC29U8 | NSYBR9F29 | NSYZUN88VDA | NSYRUFVDA | - |
| 33U | 1600 | 600 | 600 | NSYVDAC33U66 | NSY2PLVDC33U6 | NSYBR9F33 | NSYZUN66VDA | NSYRUFVDA | - |
| 33U | 1600 | 600 | 800 | NSYVDAC33U68 | NSY2PLVDC33U8 | NSYBR9F33 | NSYZUN68VDA | NSYRUFVDA | - |
| 33U | 1600 | 800 | 600 | NSYVDAC33U86 | NSY2PLVDC33U6 | NSYBR9F33 | NSYZUN86VDA | NSYRUFVDA | NSYPV33 |
| 33U | 1600 | 800 | 800 | NSYVDAC33U88 | NSY2PLVDC33U8 | NSYBR9F33 | NSYZUN88VDA | NSYRUFVDA | NSYPV33 |
| 38U | 1800 | 600 | 600 | NSYVDAC38U66 | NSY2PLVDC38U6 | NSYBR9F38 | NSYZUN66VDA | NSYRUFVDA | - |
| 38U | 1800 | 600 | 800 | NSYVDAC38U68 | NSY2PLVDC38U8 | NSYBR9F38 | NSYZUN68VDA | NSYRUFVDA | - |
| 38U | 1800 | 800 | 600 | NSYVDAC38U86 | NSY2PLVDC38U6 | NSYBR9F38 | NSYZUN86VDA | NSYRUFVDA | NSYPV38 |
| 38U | 1800 | 800 | 800 | NSYVDAC38U88 | NSY2PLVDC38U8 | NSYBR9F38 | NSYZUN88VDA | NSYRUFVDA | NSYPV38 |
| 42U | 2000 | 600 | 600 | NSYVDAC42U66 | NSY2PLVDC42U6 | NSYBR9F42 | NSYZUN66VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 800 | NSYVDAC42U68 | NSY2PLVDC42U8 | NSYBR9F42 | NSYZUN68VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 1000 | NSYVDAC42U610 | NSY2PLVDC42U10 | NSYBR9F42 | NSYZUN610VDA | NSYRUFVDA | - |
| 42U | 2000 | 800 | 600 | NSYVDAC42U86 | NSY2PLVDC42U6 | NSYBR9F42 | NSYZUN86VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 800 | NSYVDAC42U88 | NSY2PLVDC42U8 | NSYBR9F42 | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 1000 | NSYVDAC42U810 | NSY2PLVDC42U10 | NSYBR9F42 | NSYZUN810VDA | NSYRUFVDA | NSYPV42 |
| 47U | 2200 | 600 | 600 | NSYVDAC47U66 | NSY2PLVDC47U6 | NSYBR9F47 | NSYZUN66VDA | NSYRUFVDA | - |
| 47U | 2200 | 600 | 800 | NSYVDAC47U68 | NSY2PLVDC47U8 | NSYBR9F47 | NSYZUN68VDA | NSYRUFVDA | - |
| 47U | 2000 | 800 | 600 | NSYVDAC47U86 | NSY2PLVDC47U6 | NSYBR9F47 | NSYZUN86VDA | NSYRUFVDA | NSYPV42 |
| 47U | 2000 | 800 | 800 | NSYVDAC47U88 | NSY2PLVDC47U8 | NSYBR9F47 | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |

VDA racks, RAL 9011 Black



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack without panels | Side panels | 19" uprights | Plinth 100 mm | Handling castors | Cable-gland trim |
|-------------|-------------|------------|------------|---------------------|-----------------|--------------|---------------|------------------|------------------|
| 24U | 1200 | 600 | 600 | NSYVDAC24U66N | NSY2PLVDC24U6N | NSYBR9F24 | NSYZUN66VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 800 | NSYVDAC24U68N | NSY2PLVDC24U8N | NSYBR9F24 | NSYZUN68VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 1000 | NSYVDAC24U610N | NSY2PLVDC24U10N | NSYBR9F24 | NSYZUN610VDA | NSYRUFVDA | - |
| 24U | 1200 | 800 | 600 | NSYVDAC24U86N | NSY2PLVDC24U6N | NSYBR9F24 | NSYZUN86VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 800 | NSYVDAC24U88N | NSY2PLVDC24U8N | NSYBR9F24 | NSYZUN88VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 1000 | NSYVDAC24U810N | NSY2PLVDC24U10N | NSYBR9F24 | NSYZUN810VDA | NSYRUFVDA | NSYPV24 |
| 42U | 2000 | 600 | 600 | NSYVDAC42U66N | NSY2PLVDC42U6N | NSYBR9F42 | NSYZUN66VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 800 | NSYVDAC42U68N | NSY2PLVDC42U8N | NSYBR9F42 | NSYZUN68VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 1000 | NSYVDAC42U610N | NSY2PLVDC42U10N | NSYBR9F42 | NSYZUN610VDA | NSYRUFVDA | - |
| 42U | 2000 | 800 | 600 | NSYVDAC42U86N | NSY2PLVDC42U6N | NSYBR9F42 | NSYZUN86VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 800 | NSYVDAC42U88N | NSY2PLVDC42U8N | NSYBR9F42 | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 1000 | NSYVDAC42U810N | NSY2PLVDC42U10N | NSYBR9F42 | NSYZUN810VDA | NSYRUFVDA | NSYPV42 |

Introduction

VDA-B rack

- Designed for circulation applications with switches and routers
- 6 heights: 24U, 29U, 33U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable blanking plate
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 1-point lock with a key no. 333. Hinges on the right as standard
- Rear panel with quick installation and removal, locking by latches
- Side panels with louvres, with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry.
- Levelling feet installed
- Two 19" uprights made from treated steel, installed 100 mm back from the front surface and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



Selection guide

VDA-B racks, RAL 7035 Light Grey



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack with side panels | Rack without side panels | 19" uprights | 100 mm plinth | Handling castors | Cable-gland trim |
|-------------|-------------|------------|------------|-----------------------|--------------------------|--------------|---------------|------------------|------------------|
| 24U | 1200 | 600 | 600 | NSYVDA24U66B | - | NSYBR9F24 | NSYZUN66VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 800 | NSYVDA24U68B | - | NSYBR9F24 | NSYZUN68VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 1000 | NSYVDA24U610B | - | NSYBR9F24 | NSYZUN610VDA | NSYRUFVDA | - |
| 24U | 1200 | 800 | 600 | NSYVDA24U86B | - | NSYBR9F24 | NSYZUN66VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 800 | NSYVDA24U88B | - | NSYBR9F24 | NSYZUN88VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 1000 | NSYVDA24U810B | - | NSYBR9F24 | NSYZUN810VDA | NSYRUFVDA | NSYPV24 |
| 29U | 1400 | 600 | 600 | NSYVDA29U66B | - | NSYBR9F29 | NSYZUN66VDA | NSYRUFVDA | - |
| 29U | 1400 | 600 | 800 | NSYVDA29U68B | - | NSYBR9F29 | NSYZUN68VDA | NSYRUFVDA | - |
| 29U | 1400 | 800 | 600 | NSYVDA29U86B | - | NSYBR9F29 | NSYZUN66VDA | NSYRUFVDA | - |
| 29U | 1400 | 800 | 800 | NSYVDA29U88B | - | NSYBR9F29 | NSYZUN88VDA | NSYRUFVDA | - |
| 33U | 1600 | 600 | 600 | NSYVDA33U66B | - | NSYBR9F33 | NSYZUN66VDA | NSYRUFVDA | - |
| 33U | 1600 | 600 | 800 | NSYVDA33U68B | - | NSYBR9F33 | NSYZUN68VDA | NSYRUFVDA | - |
| 33U | 1600 | 800 | 600 | NSYVDA33U86B | - | NSYBR9F33 | NSYZUN66VDA | NSYRUFVDA | NSYPV33 |
| 33U | 1600 | 800 | 800 | NSYVDA33U88B | - | NSYBR9F33 | NSYZUN88VDA | NSYRUFVDA | NSYPV33 |
| 38U | 1800 | 600 | 600 | NSYVDA38U66B | - | NSYBR9F38 | NSYZUN66VDA | NSYRUFVDA | - |
| 38U | 1800 | 600 | 800 | NSYVDA38U68B | - | NSYBR9F38 | NSYZUN68VDA | NSYRUFVDA | - |
| 38U | 1800 | 800 | 600 | NSYVDA38U86B | - | NSYBR9F38 | NSYZUN66VDA | NSYRUFVDA | NSYPV38 |
| 38U | 1800 | 800 | 800 | NSYVDA38U88B | - | NSYBR9F38 | NSYZUN88VDA | NSYRUFVDA | NSYPV38 |
| 42U | 2000 | 600 | 600 | NSYVDA42U66B | NSYVDAC42U66B | NSYBR9F42 | NSYZUN66VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 800 | NSYVDA42U68B | NSYVDAC42U68B | NSYBR9F42 | NSYZUN68VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 1000 | NSYVDA42U610B | NSYVDAC42U610B | NSYBR9F42 | NSYZUN610VDA | NSYRUFVDA | - |
| 42U | 2000 | 800 | 600 | NSYVDA42U86B | NSYVDAC42U86B | NSYBR9F42 | NSYZUN66VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 800 | NSYVDA42U88B | NSYVDAC42U88B | NSYBR9F42 | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 1000 | NSYVDA42U810B | NSYVDAC42U810B | NSYBR9F42 | NSYZUN810VDA | NSYRUFVDA | NSYPV42 |
| 47U | 2200 | 600 | 600 | NSYVDA47U66B | - | NSYBR9F47 | NSYZUN66VDA | NSYRUFVDA | - |
| 47U | 2200 | 600 | 800 | NSYVDA47U68B | - | NSYBR9F47 | NSYZUN68VDA | NSYRUFVDA | - |
| 47U | 2200 | 800 | 600 | NSYVDA47U86B | - | NSYBR9F47 | NSYZUN66VDA | NSYRUFVDA | NSYPV47 |
| 47U | 2200 | 800 | 800 | NSYVDA47U88B | - | NSYBR9F47 | NSYZUN88VDA | NSYRUFVDA | NSYPV47 |

Introduction

VDA-E rack

- Designed for IT and video applications among others
- 4 heights: 24U, 38U, 42U and 47U
- 2 widths: 600 and 800 mm
- 3 depths: 600, 800 and 1000 mm.
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (see page XX)
- Cut-out roof, closed with a removable plain sheet
- Glazed reversible front door, 4 mm Securit® glass, opening to 180°, 2-point lock with a ey no. 333 and handle. Hinges on the right as standard. Option of adding a third central locking point as an accessory, with reference **NSYAEDN3PVD**
- Reversible full plain rear door, 1-point lock with a key no. 333, opening to 180°
- Side panels with louvres, with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Four 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film
- Earthing kit pre-installed
- 1 bag of fixings with 30 M6 screws + washers + caged nuts.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.
- VDA-E racks, RAL 9011 black cladding
 - 1 height: 42U
 - 2 widths: 600 and 800 mm
 - 3 depths: 600, 800 and 1000 mm
- Rack composition
 - Identical composition to the above rack with side pannels
 - Delivered assembled.



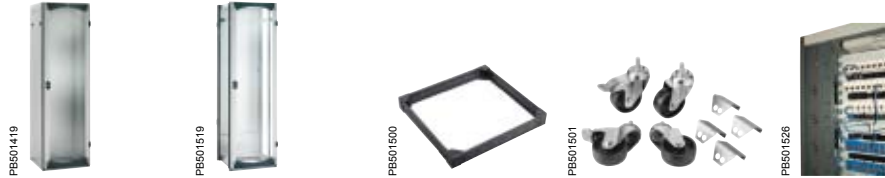
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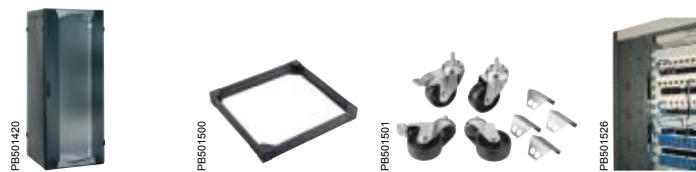
Selection guide

VDA-E racks, RAL 7035 Light Grey,



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack with side panels | Rack without side panels | 100 mm plinth | Handling castors | Cable-gland trim |
|-------------|-------------|------------|------------|-----------------------|--------------------------|---------------|------------------|------------------|
| 24U | 1200 | 600 | 600 | NSYVDA24U66E | - | NSYZUN66VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 800 | NSYVDA24U68E | - | NSYZUN68VDA | NSYRUFVDA | - |
| 24U | 1200 | 600 | 1000 | NSYVDA24U610E | - | NSYZUN610VDA | NSYRUFVDA | - |
| 24U | 1200 | 800 | 600 | NSYVDA24U86E | - | NSYZUN66VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 800 | NSYVDA24U88E | - | NSYZUN88VDA | NSYRUFVDA | NSYPV24 |
| 24U | 1200 | 800 | 1000 | NSYVDA24U810E | - | NSYZUN810VDA | NSYRUFVDA | NSYPV24 |
| 38U | 1800 | 600 | 600 | NSYVDA38U66E | - | NSYZUN66VDA | NSYRUFVDA | - |
| 38U | 1800 | 600 | 800 | NSYVDA38U68E | - | NSYZUN68VDA | NSYRUFVDA | - |
| 38U | 1800 | 800 | 600 | NSYVDA38U86E | - | NSYZUN66VDA | NSYRUFVDA | NSYPV38 |
| 38U | 1800 | 800 | 800 | NSYVDA38U88E | - | NSYZUN88VDA | NSYRUFVDA | NSYPV38 |
| 42U | 2000 | 600 | 600 | NSYVDA42U66E | NSYVDAC42U66E | NSYZUN66VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 800 | NSYVDA42U68E | NSYVDAC42U68E | NSYZUN68VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 1000 | NSYVDA42U610E | NSYVDAC42U610E | NSYZUN610VDA | NSYRUFVDA | - |
| 42U | 2000 | 800 | 600 | NSYVDA42U86E | NSYVDAC42U86E | NSYZUN66VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 800 | NSYVDA42U88E | NSYVDAC42U88E | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 1000 | NSYVDA42U810E | NSYVDAC42U810E | NSYZUN810VDA | NSYRUFVDA | NSYPV42 |
| 47U | 2200 | 600 | 600 | NSYVDA47U66E | - | NSYZUN66VDA | NSYRUFVDA | - |
| 47U | 2200 | 600 | 800 | NSYVDA47U68E | - | NSYZUN68VDA | NSYRUFVDA | - |
| 47U | 2200 | 800 | 600 | NSYVDA47U86E | - | NSYZUN66VDA | NSYRUFVDA | NSYPV47 |
| 47U | 2200 | 800 | 800 | NSYVDA47U88E | - | NSYZUN88VDA | NSYRUFVDA | NSYPV47 |

VDA-E racks, RAL 9011 black



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack with side panels | Rack without side panels | 100 mm plinth | Handling castors | Cable-gland trim |
|-------------|-------------|------------|------------|-----------------------|--------------------------|---------------|------------------|------------------|
| 42U | 2000 | 600 | 600 | NSYVDA42U66EN | - | NSYZUN66VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 800 | NSYVDA42U68EN | - | NSYZUN68VDA | NSYRUFVDA | - |
| 42U | 2000 | 600 | 1000 | NSYVDA42U610EN | - | NSYZUN610VDA | NSYRUFVDA | - |
| 42U | 2000 | 800 | 600 | NSYVDA42U86EN | - | NSYZUN86VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 800 | NSYVDA42U88EN | - | NSYZUN88VDA | NSYRUFVDA | NSYPV42 |
| 42U | 2000 | 800 | 1000 | NSYVDA42U810EN | - | NSYZUN810VDA | NSYRUFVDA | NSYPV42 |

Introduction

VDA-L rack, RAL 7035 Light Grey

- Designed for IT and video applications among others
- Height: 24U - 42U
- 2 widths: 600 and 800 mm
- 2 depths: 600 and 800
- Acceptable static load: 400 kg
- Dynamic load: 250 kg
- Color:
 - light Grey (RAL 7035) for lining
 - dark Grey (RAL 7011) for framework or
 - black (RAL 9011)
- Protection rating: IP20
 - object size protected against > 12.5 mm
 - no liquid protected
- Impact Protection: IK08
 - impact energy = 5 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a removable plate equipped with a brush gasket
- Glazed or front door, 4 mm Securit® glass, opening to 180°, 2-point lock with a key no. EK333 and handle. Hinges on the right as standard. Option of adding a third central locking point as an accessory, with reference **NSYAEDN3PVD**
- Single rear panel
- Side panels with quick installation and removal, locking by latches
- Top and bottom side cable glands flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet
- One pair of 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered on a pallet covered with film.

Composition of the rack without side panels

- Exactly the same composition as the above rack, but without the side panels.
- Coupling kit not supplied
- In the event of coupling, use the coupling kit (ref. **NSYCUNVDA**) and the brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.

VDA-L racks, RAL 9011 black

- 1 height: 42U
- 1 width: 800 mm
- 1 depths: 1000 mm.

Rack composition

- Same composition to the above rack with glazed door
- Two pairs of 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Delivered assembled.



PB001945



PB001420

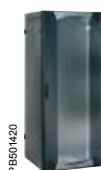
Selection guide

VDA-L racks, RAL 7035 Light Grey



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack with glazed door | Rack with plain door | 19" uprights | 100 mm plinth | Handling castors |
|-------------|-------------|------------|------------|-----------------------|----------------------|--------------|---------------|------------------|
| 24U | 1200 | 600 | 800 | NSYVDA24U68L | - | NSYBR9F24 | NSYZUN68VDA | NSYRUFVDA |
| 42U | 2000 | 600 | 600 | NSYVDA42U66L | NSYVDA42U66LR | NSYBR9F42 | NSYZUN66VDA | NSYRUFVDA |
| 42U | 2000 | 600 | 800 | NSYVDA42U68L | NSYVDA42U68LR | NSYBR9F42 | NSYZUN68VDA | NSYRUFVDA |
| 42U | 2000 | 800 | 800 | NSYVDA42U88L | NSYVDA42U88LR | NSYBR9F42 | NSYZUN88VDA | NSYRUFVDA |
| 42U | 2000 | 800 | 600 | NSYVDA42U86L | NSYVDA42U86LR | NSYBR9F47 | NSYZUN86VDA | NSYRUFVDA |

VDA-L racks, RAL 9011 black



| Number of U | Height (mm) | Width (mm) | Depth (mm) | Rack with glazed door | 100 mm plinth | Handling castors |
|-------------|-------------|------------|------------|-----------------------|---------------|------------------|
| 42U | 2000 | 600 | 1000 | NSYVDA42U610LN | NSYZUN610VDA | NSYRUFVDA |
| 42U | 2000 | 600 | 1000 | NSYVDA42U810LN | NSYZUN610VDA | NSYRUFVDA |

VDS

19" server enclosure

Robust and ventilated



PB501631



P131339

Ventilated

The front and rear doors are microperforated on the width of the 19" uprights to channel the air flows onto the equipment. They allow above 80 % of air through for optimum ventilation of the live components that equip the 19" rack.



PB501624

Rigidity and robustness

750 kg of acceptable static load.



P132763

Vertical cable manager (as option)

Efficient vertical cable managers can be used to duct, support and hide fibre and copper cables in improving airflow.



PB501630

Adaptation and customisation

The configured offer allows you to clad the rack according to your needs:

- 2 framework models.
- 13 door models (microperforated double door, etc.).
- 2 side panel models.



VDS

19" server enclosure

Robust and ventilated



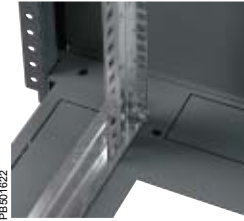
The ventilation is adjustable and does not take up any units (1 to 9 fans).



PB501620

Innovating

The side cable entry is the most ergonomic and efficient solution on the market. The top and bottom openings, flush with the structure, allow the strands to be prepared before installing the rack. These openings also allow for easy maintenance and are closed when the side panels are installed.



PB501622

Ergonomic

The routing of the cable entries is easier:

- Side cable entries at top and bottom, pre-cut.
- Rear cable entries at the bottom, pre-cut.
- Large opening on the roof, offset towards the rear and equipped with a blanking plate.
- Allows the integration of live equipment at the top and the entry of cables from the rear.
- Large opening at the bottom.



PB501628

Adaptable ventilation

The roof ventilation is depth adjustable and does not result in the loss of any units. Option of installing 1 to 9 fans according to the size of your enclosure.



PB501625

Security

The latches of the panels can be equipped with a key locking system (the key is identical for all the doors).



PB501626

Smart

The pivot and guide system allows the panels to be returned to their place quickly, with maximum security.



PB501627

Practical

Marking of the units on the front panel and on the side for quick installation of the equipment. The 19" uprights are easily depth-adjustable on the site.



Panels and doors can be installed and removed quickly by a single operator.



PB501623

Saves time

All the doors and panels can be installed and removed quickly. The cladding can be installed and removed by a single person. The feet can be adjusted from the inside.



PB501629

Accessories

The central openings on the roof and the base support allow multiple blanking plate combinations (plain, with brush or ventilated). Possibility of installing the blanking plates with the roof plate thanks to the roof stand-offs.

Introduction

Technical characteristics

- Folded and welded sheet-steel enclosure, textured, RAL 9011 black epoxy-polyester powder paint
- Earth continuity guaranteed, according to the standard
- Allowed air flow above 80 %
- Acceptable static load: 750 kg
- Color: black (RAL 9011)
- Protection rating: IP20
- object size protected against > 12.5 mm
- no liquid protected
- Impact Protection: IK10
- impact energy = 20 joules
- Certifications: in compliance with the directive RoHs, with the 19" standard IEC 60297-3-100 and EIA-310D.

Rack composition

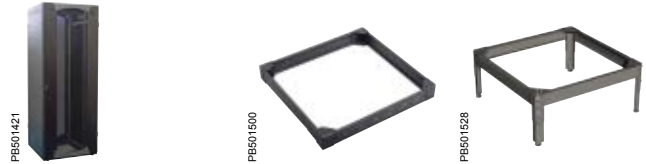
- Top and bottom frames, mechanically assembled by Torx screws to the vertical structure uprights, thus forming a rigid framework
- Base without blanking plate (page XX)
- Cut-out roof, closed with a blanking plate with dismountable brush gasket
- Reversible microperforated front and rear door, opening to 180°, closure at 2 points with a handle and a key no. 333. Hinges on the right as standard
- Side panels with no louvres, with quick installation and removal, closing by latches
- Top and bottom side cable entries flush with the structure
- Top and bottom side knock-out areas for cable entry, with a width of 800 mm
- Large opening on the bottom and large knock-out area on the rear for cable entry
- Levelling feet installed
- Four 19" uprights made from treated steel, installed 100 mm back from the front plate and depth-adjustable in steps of 25 mm
- Earthing kit installed
- Delivered on a pallet covered with film
- Composition of the rack without side panels
- Exactly the same composition as the above rack, but without the side panels
- Coupling kit not supplied
- In the event of coupling, use coupling kit ref. **NSYCUNVDA** and brush gasket (ref. **NSYCUNPL600**, **NSYCUNPL800** or **NSYCUNPL1000**) to close the cable entry left by the 2 side panels.



P6601631

Selection guide

Server rack with and without side panels



| Number of U | Ext. dimensions (mm) | | | Rack | Rack without side panels | 100 mm plinth | Stand-off plinth for raised floor |
|-------------|----------------------|-------|-------|---------------|--------------------------|---------------|-----------------------------------|
| | Height | Width | Depth | | | | |
| 24U | 1200 | 600 | 800 | NSYVDS24U68N | NSYVDSC24U68N | NSYZUN68VDA | NSYAEBP2F68 |
| 24U | 1200 | 600 | 1000 | NSYVDS24U610N | NSYVDSC24U610N | NSYZUN610VDA | NSYAEBP2F610 |
| 24U | 1200 | 800 | 800 | NSYVDS24U88N | NSYVDSC24U88N | NSYZUN88VDA | NSYAEBP2F88 |
| 24U | 1200 | 800 | 1000 | NSYVDS24U810N | NSYVDSC24U810N | NSYZUN810VDA | NSYAEBP2F810 |
| 42U | 2000 | 600 | 800 | NSYVDS42U68N | NSYVDSC42U68N | NSYZUN68VDA | NSYAEBP2F68 |
| 42U | 2000 | 600 | 1000 | NSYVDS42U610N | NSYVDSC42U610N | NSYZUN610VDA | NSYAEBP2F610 |
| 42U | 2000 | 800 | 800 | NSYVDS42U88N | NSYVDSC42U88N | NSYZUN88VDA | NSYAEBP2F88 |
| 42U | 2000 | 800 | 1000 | NSYVDS42U810N | NSYVDSC42U810N | NSYZUN810VDA | NSYAEBP2F810 |



Configured

- Configured service: save time and devote yourself to your installation, we perform the product composition, colour and accessory installation for you.
- A single order, a single delivery.

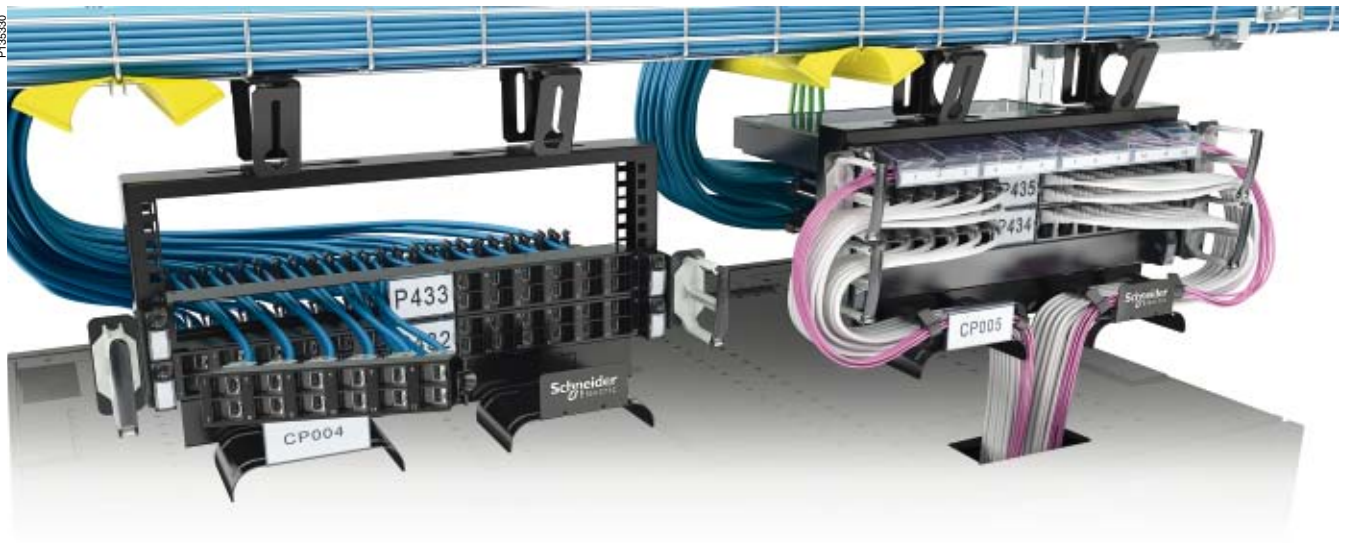
See page XX-XX



Specific

- Specific service: tailor-made enclosures, we perform the enclosure dimensions (15U rack, 400 mm deep, etc.), knock-outs, product composition, colour and accessory installation for you.
- A single order, a single delivery.

See page XX



The Actassi 19" overhead patching frame allows you to use the empty space above the enclosure. Just mount the frame onto the tray, either vertically or at an angle. For mounting on Defem mesh trays, use the Defem B1 fitting. Install patch panels and make the entire enclosure beneath available for server hosting. The patching frame now works as a consolidation point, enabling flexible cabling layout as well as convenient addition of new enclosures and servers.



Robust cord managers for bending radius protection.



Large label for clear visibility from the ground.



For maximum convenience, the brackets enable vertical or angled mounting of the frame.

Actassi 19" overhead patching frame 4U

- 19" frame
- Designed to be mounted in a mesh tray or cable ladder to provide 4U patching positions and to save space in the enclosure below
- 4U height
- In compliance with the directive RoHS and with 19" standards EIA 310-D and IEC 60297-3-100
- Dimensions: 500 x 350 x 160 mm
- Material: steel AN10130 DC01 painted in Raven Black
- Holds up to 15 Kg
- Equipped with two cord managers that secure the bending radius of the cords going down to the enclosure. It includes 4 self-grip strips of 30 cm
- Equipped with a big label holder for easy readability from the ground.



| Description | Reference |
|--------------------------------|-----------|
| Overhead 19" patching frame 4U | VDIM33174 |

PB501607



Locking system (P1)

- Allows the closure of a side panel and the rear panel.
- Lock with key no. 333 with escutcheon plate
- It is installed on the opening latches of the side and rear panels
- Delivery of 2 locks per panel.

Reference

NSYSTVDA

Adapter for 2-point closure handle

- Assembly on the rear of the handle for doors with 2-point closures as standard on Actassi VDA-E or Actassi VDS
- Adapter supplied without the insert.

| Adapter | Reference |
|-------------------|--------------------|
| DIN half-cylinder | NSYAEDN1DVD |
| ASSA | NSYAEDN1AVD |
| KABA | NSYAEDN1KVD |

PB501420



Key insert for 2-point closure

- Assembly on the handle for doors with 2-point closures as standard on the Actassi VDA-E front door or on Actassi VDS.

| Key no. | Reference |
|---------|------------------------|
| 2124E | NSYAEDNH2124EVD |

3rd closure point for handle

- Assembly on the handle for doors with 2-point closures as standard on the Actassi VDA-E front door or on Actassi VDS
- Provides a 3rd closure point (central).

Reference

NSYAEDN3PVD

PB501419



Key insert for 1-point closure

- Assembly on the handle for doors with 1-point closure as standard on the Actassi VDA or on Actassi VDA-B or on the Actassi VDA-E rear door.

| Key no. | Reference |
|---------|-----------------------|
| 2124E | NSYAEDN2124EVD |



Side panels

- Panels made from folded sheet steel with ventilation louvres and plastic obturators at the ends, epoxy-polyester, textured, powder paint
- Panels with quick assembly and removal by latches
- Unit of 2 panels delivered in cardboard packaging
- Option of installing a lock with key ref. **NSYSTVDA**.

| Number of U | Height (mm) | Depth (mm) | RAL 7035 light grey | RAL 9011 black |
|-------------|-------------|------------|---------------------|-----------------|
| 24U | 1200 | 600 | NSY2PLVDC24U6 | NSY2PLVDC24U6N |
| 24U | 1200 | 800 | NSY2PLVDC24U8 | NSY2PLVDC24U8N |
| 24U | 1200 | 1000 | NSY2PLVDC24U10 | NSY2PLVDC24U10N |
| 29U | 1400 | 600 | NSY2PLVDC29U6 | - |
| 29U | 1400 | 800 | NSY2PLVDC29U8 | - |
| 33U | 1600 | 600 | NSY2PLVDC33U6 | - |
| 33U | 1600 | 800 | NSY2PLVDC33U8 | - |
| 38U | 1800 | 600 | NSY2PLVDC38U6 | - |
| 38U | 1800 | 800 | NSY2PLVDC38U8 | - |
| 42U | 2000 | 600 | NSY2PLVDC42U6 | NSY2PLVDC42U6N |
| 42U | 2000 | 800 | NSY2PLVDC42U8 | NSY2PLVDC42U8N |
| 42U | 2000 | 1000 | NSY2PLVDC42U10 | NSY2PLVDC42U10N |
| 47U | 2200 | 600 | NSY2PLVDC47U6 | - |
| 47U | 2200 | 800 | NSY2PLVDC47U8 | - |



Perforated rear partial panel

- Perforated rear panel for partial door on the VDA enclosures
- Allows the installation of a blanking plate ref. **NSYEC440, NSYEC440, NSYECVA440, NSYECVT3440, NSYECVT3V440**, etc.
- 1.5 mm sheet steel, RAL 7035 light grey paint.

| Height (mm) | Width (mm) | Reference |
|-------------|------------|------------|
| 250 | 600 | NSYPPECC26 |
| 250 | 800 | NSYPPECC28 |



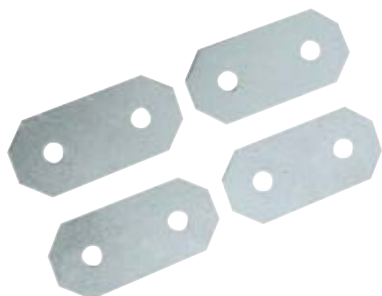
100 mm rear extension kit (D20)

- Frame made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint
- Assembly on the rear of the enclosure framework
- Allows the assembly of a door or a panel
- Makes it possible to obtain depths of 700, 900 and 1100 mm
- Delivered with assembly instructions
- Other sizes, please consult us.

| Number of U | Reference | |
|-------------|--------------|--------------|
| | Width 600 mm | Width 800 mm |
| 42U | NSYAEPX42U6 | NSYAEPX42U8 |

To order your enclosure elements, please consult the configuration sheet on [page XX](#).

PB501488



Coupling kit (R1)

- Kit to be used when coupling two racks side by side
- Kit made up of 4 flanges and the fixings required for assembly.

Reference

NSYCUNVDA

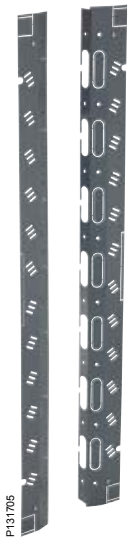
PB501584



Blanking brush gasket for the cable entries between coupled racks

- Blanking plate with brush gasket
- Assembly on the top or bottom frame between two coupled racks, on the cable entry left by the 2 side panels
- Delivered with the fixings required for installation.

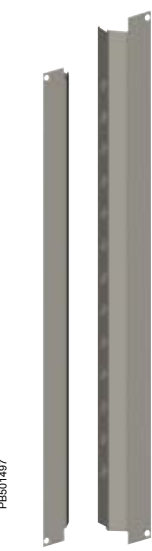
| Depth (mm) | Reference |
|------------|---------------------|
| 600 | NSYCUNPL600 |
| 800 | NSYCUNPL800 |
| 1000 | NSYCUNPL1000 |



Vertical trim strips with cable entries (H2)

- For enclosures with a width of 800 mm only
- Side cut-outs allowing the entry of cables every 250 mm. Knock-out entries on the front plate every 250 mm
- Assembly on the framework uprights providing aesthetic continuity between the framework and the 19" uprights positioned at least 100 mm away from the door
- RAL 7011 dark grey paint
- Cable-protection strips (not supplied) to be ordered separately. [See page XX](#)
- Dismounting by 1/4-turn screws
- Kit made up of 2 trim strips.

| Number of U | Reference |
|-------------|-----------|
| 24U | NSYPV24 |
| 33U | NSYPV33 |
| 38U | NSYPV38 |
| 42U | NSYPV42 |
| 47U | NSYPV47 |



Structure trim strips (H3)

(Incompatible with Actassi VDS)

- For enclosures with widths of 600 and 800 mm
- Assembly on the framework guarantees aesthetic continuity between the framework and the 19" uprights
- RAL 7011 dark grey paint
- They do not allow the assembly of a door or a panel
- Kit made up of 2 trim strips
- Other sizes, please consult us.

| Number of U | Reference | |
|-------------|--------------|--------------|
| | Width 600 mm | Width 800 mm |
| 42U | NSYAEPF42U6 | NSYAEPF42U8 |



Vertical trim strips with cable entries

(Incompatible with Actassi VDS)

- For enclosures with a width of 800 mm only
- Cut-outs on front panel allowing the entry of cables
- Assembly on the 19" uprights by modifying the position of the 19" upright supports
- RAL 7035 light grey paint
- Cable-protection strips (not supplied) to be ordered separately, [page XX](#)
- Kit made up of 2 trim strips
- Other sizes, please consult us.

| Number of U | Reference |
|-------------|------------|
| 42U | NSYTVRN42U |

PB501446



Standard levelling feet (M1)

- Batch of 4 feet
- Steel feet, height adjustable, from the inside of the rack
- Direct fixing, under the bottom frame or under the plinth of the rack, by M12 screws
- Height: 30 mm.

Reference

NSYPNVDA

PB501489



Anti-vibration levelling feet (M2)

- Batch of 4 feet
- Steel feet, height adjustable, with rubber collar for absorbing vibrations
- Direct fixing, under the bottom frame by M12 screws
- Height 80 mm.

Reference

NSYPRVDA

PB501501



Handling wheels (M3)

- Batch of 4 swivel castors, 2 of which are equipped with a locking system
- Direct fixing under the bottom frame of the rack by M12 screws
- Height of the castors: 105 mm.

Acceptable load

250 kg/4 castors

Reference

NSYRUFVDA

PB501550



Foot-wheels adaptation kit for plinth (M4)

- Kit made up of 4 adaptation parts, 4 castors without brakes, and fixings
- Allows simultaneous assembly of castor reference **NSYRUFVDA** and levelling foot reference **NSYRUFNVDA**
- Direct assembly on the base of an enclosure equipped with a plinth
- Use the levelling feet installed as standard on the rack
- Material: treated sheet steel.

Reference

NSYRUFNPVDA

PB501555



Foot and wheels kit for rack

- Kit made up of 4 castors without brakes and supports for accommodating the positioning feet
- Allows direct assembly on the base of the rack.
- Allows simultaneous assembly of the castors and levelling feet
- Use the levelling feet installed as standard on the rack
- Height of the castors: 105 mm.

Reference

NSYRUFNVDA

PB501500



Plinths (F1)

- Plinth made from folded sheet steel, RAL 7011 dark grey, epoxy-polyester, textured, powder paint
- Plinth height: 100 mm
- Allows the assembly of standard levelling feet compatibles with handling castors reference **NSYRUFNPVDA**
- Option of removing the 4 strips
- Side and rear strips equipped with a knock-out area for cable entry
- Front strip equipped with ventilation louvres.

| Width (mm) | Depth (mm) | Reference |
|------------|------------|---------------------|
| 600 | 600 | NSYZUN66VDA |
| 600 | 800 | NSYZUN68VDA |
| 600 | 1000 | NSYZUN610VDA |
| 800 | 600 | NSYZUN86VDA |
| 800 | 800 | NSYZUN88VDA |
| 800 | 1000 | NSYZUN810VDA |

PB501507



NSYZUNA800VDA + NSYZUN88VDA

Anti-tilt accessory (F2)

- It is fixed to a standard plinth, on the front or rear panel
- Two adjustable anti-tilt feet
- Material: folded sheet, RAL 7011 dark grey, epoxy-polyester, textured, powder paint.

| Depth (mm) | Reference |
|------------|-----------------------|
| 600 | NSYZUNA600VDA |
| 800 | NSYZUNA800VDA |
| 1000 | NSYZUNA1000VDA |

PB501506



Filter for plinth

- Assembly on the inside of the front panel of the plinth
- Washable synthetic filters
- Batch of 5 washable synthetic filters.

| Width (mm) | Reference |
|-------------|--------------------|
| 600 and 800 | NSYZUNFL108 |

PB501009



Brush gasket for the cable entries of the plinth

- It is fixed to the knock-out areas for the cable entries
- Delivery by unit.

| Entry width (mm) x L | Reference |
|----------------------|-----------------|
| 75 x 400 | NSYJPSVD |

Base accessories

Stand-off plinth for raised floor

- Folded and welded sheet-steel frame, RAL 9011 black, epoxy-polyester, textured, powder paint
- Delivered with feet adjustable from 0 to 60 mm with holes for fixing to the floor
- Can support Actassi VDA, Actassi VDS, Spacial SM and Spacial SF enclosures
- Standard adjustment for heights from 200 mm to a maximum of 350 mm in steps of 25 mm
- Acceptable static load: 1000 kg
- To adjust heights from 350 to 500 mm, use feet reference **NSYAEBP2F4F**.

PB501528



| Dimensions (mm) | | Reference |
|-----------------|-------|---------------------|
| Width | Depth | |
| 600 | 800 | NSYAEBP2F68 |
| 600 | 1000 | NSYAEBP2F610 |
| 800 | 800 | NSYAEBP2F88 |
| 800 | 1000 | NSYAEBP2F810 |

Batch of 4 feet for stand-off plinths

- Folded and welded sheet-steel feet, textured, RAL 9011 black epoxy-polyester powder paint
- They are installed on the stand-off plinths for raised floor, reusing the levelling feet delivered with the plinth
- Acceptable static load: 1000 kg on 4 feet.

PB501986

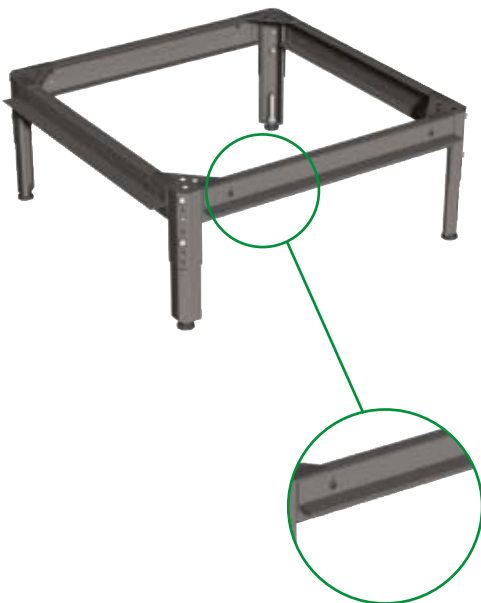


| Reference |
|--------------------|
| NSYAEBP2F4F |

Floor-panel support bracket

- Batch of 2 brackets made from folded sheet steel painted RAL 9011 black
- They are installed across the width and/or depth on the stand-off plinth to support the panels of the raised floor
- Height adjustment ± 30 mm.

PB501969



| Width or depth (mm) | Reference |
|---------------------|---------------------|
| 600 | NSYAEBP2FS6 |
| 800 | NSYAEBP2FS8 |
| 1000 | NSYAEBP2FS10 |



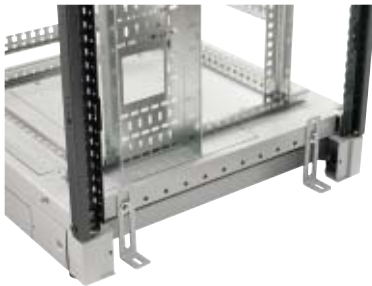
PB601600

Fixing kit

- Allows the rack to be fixed to the floor and/or to the wall
- Delivered with assembly instructions.

Reference

NSYCFM



PB601601

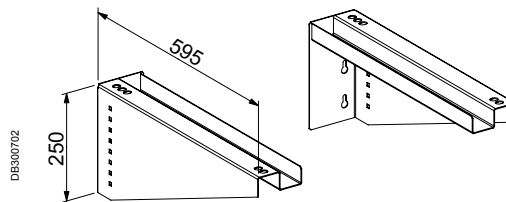


PB601531

Wall-mounting kit for Actassi enclosures

- Allows wall-mounting of racks and enclosures from 6 to 29U, with a depth of 600 mm
- Maximum load inside the rack: 100 kg
- Maximum load inside the enclosure: 50 kg.

| Enclosure depth (mm) | Reference |
|----------------------|-----------|
| 600 | NSYCFRS |



DB300702

PB501559



Plain roof plate (E1)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint
- Plate delivered assembled on the framework
- Option of installing roof stand-offs (reference **NSYEX206**) and blanking plates.

Reference

NSYTSPC450

PB501560



Roof plate with brush gasket (E2)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint, equipped with a brush gasket for cable entry
- Plate delivered assembled on the framework
- Option of installing roof stand-offs (reference **NSYEX206**) and blanking plates.

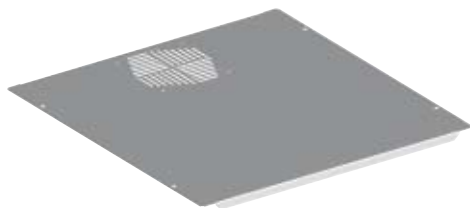
Dimensions

75 x 400 mm

Reference

NSYTSP450

PB501561



Perforated roof plate (E3)

- Removable plate made from folded sheet steel, RAL 7035 light grey, epoxy-polyester, textured, powder paint, with cut-out for installing a fan
- Plate delivered assembled on the framework
- Option of installing the fans with a fixing centre-to-centre distance of 105 x 105 (see the ClimaSys range)
- Option of assembling roof stand-offs (reference **NSYEX206**) and blanking plates.

Reference

NSYTSPV450

PB500683



Roof plate elevators for aeration (Q1)

- Direct fixing between the roof and the roof plate
- Stand-offs to be ordered with a minimum of 100 pieces.

Height (mm)

20

Reference

NSYEX206

PB501543



PB500694



Plain blanking plate (J1) (K1)

- Fixing on the internal surface of the base or roof
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

Reference

NSYEC440

PB500695



Blanking plate with brush gasket (J2) (K2) (L1)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

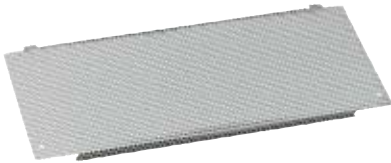
Dimensions (mm)

75 x 400 mm

Reference

NSYECP440

PB500696



Blanking plate with ventilation louvres (J5) (K3) (L4)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation.

Reference

NSYECAV440

PB500697



Blanking plates with or without fans

Ø 120 mm (J3) (J4) (L2) (L3)

- Fixing on the internal surface of the base or roof or on a 6U knock-out panel of the reduced rear door
- Equipped with 2 or 3 fans, free flow of 170 m³/h each, 220 V-50/60 Hz, installed wired with terminal board. A 3-m power cord is supplied, installed
- Can be combined with other types of blanking plates
- Treated sheet steel
- Delivered with the fixings required for installation
- Noise level: 34 dB (A)
- 1U front panel with thermostat, [page XX](#)
- To use this blanking plate with UK PDU, order UK adaptor Ref: **NSYAPUFRUK**.

Dimensions (mm)

3 positions without fan

With 3 fans

2 positions without fan

With 2 fans

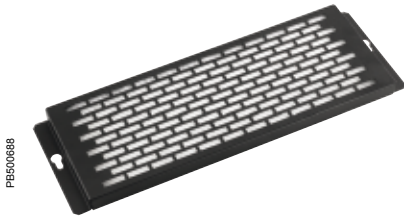
Reference

NSYECVT3440

NSYECVT3V440

NSYECVT2440

NSYECVT2V440



PB630088

NSYFECVT440

Filter for ventilated blanking plate

- It is fixed on top of the ventilated plates or the plates with ventilation louvres.

| Reference |
|-------------|
| NSYFECVT440 |

| Height (mm) | Reference |
|--------------------------|-----------|
| Batch of 5 spare filters | NSYCEFILS |

Example of possible combinations of blanking plates for network racks

| Top frame | | Combination 1 | Combination 2 | Combination 3 | Combination 4 |
|--------------------------------|-----------------------------|---------------|---------------|---------------|---------------|
| Width | Depth | | | | |
| 600 and 800 mm | 600 mm 800 mm 1000 mm | DB300703 | DB300703 | DB300703 | DB300703 |
| Bottom frame 600 and 800 mm | 600 mm | DB300704 | DB300704 | DB300704 | DB300704 |
| 600 and 800 mm | 800 mm 1000 mm | DB300705 | DB300705 | DB300705 | DB300705 |



PB501530

Brush gaskets for cable entry on the side panels

- Batch of 2 brush gaskets
- Assembly instead of the plastic obturators, at the top or bottom of the side panels
- Cable-entry width: 35 mm.

| Depth (mm) | Reference |
|------------|-------------|
| 600 | NSYECPL600 |
| 800 | NSYECPL800 |
| 1000 | NSYECPL1000 |



PB501069

Brush gasket for a knock-out area

- Assembly on the knock-out areas for cable entry
- Cable-entry width: 75 mm.

| Reference |
|-----------|
| NSYJPSVD |

PB501011



Ventilation plate for a knock-out area

- Fixing to the knock-out areas for cable entry
- 2 fans installed wired with a terminal block, protection grille and 3-m power cord
- Treated sheet steel
- Delivered with the fixings required for installation
- Noise level: 34 dB (A)
- Flow rate of 35 m³/h for each fan
- To use this blanking plate with UK PDU, order UK adaptor Ref: **NSYAPUFRUK**.

Reference

NSYVL400

PB501010



Blanking plate for a knock-out area

- Treated sheet steel
- Assembly on the knock-out areas for cable entry.

Reference

NSYECS400

PB501602



Sheet-edge protection strip

- 10-m roll of rubber protection strip.

Reference

NSYTPV

PB501502



Hoisting accessories

Lifting eyes

- Batch of 4 lifting eyes
- Fixing to the framework of the rack
- Maximum load: 360 kg for 4 eyes (slinging at 60°)
- Ø M12.

Reference

NSYAELYM12VD



PE501525

PE501603

Additional 19" uprights

- Assembly on the depthwise supports
- Depth adjustable in steps of 25 mm
- Kit made up of 2 uprights and the fixings required for assembly
- For partial assembly use depth-support references **NSYSBRF66** to **NSYSBRF88**
- 9.5 mm square holes in the front panel.

| Number of U | Reference |
|-------------|------------------|
| 12U | NSYBR9F12 |
| 21U | NSYBR9F21 |
| 24U | NSYBR9F24 |
| 29U | NSYBR9F29 |
| 33U | NSYBR9F33 |
| 38U | NSYBR9F38 |
| 42U | NSYBR9F42 |
| 47U | NSYBR9F47 |



PE501608

Adhesive strip for marking the U

- Batch of 10 self-adhesive strips
- Gluing on the front panel of the 19" upright
- Allows the units to be numbered
- Length: 42U.

| Reference |
|---------------|
| NSYENU |



PE501506

PE501609

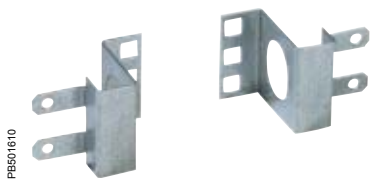
Additional 19" upright supports

- Assembly in intermediate position on the framework to reinforce the rigidity of the 19" rack and/or to support the cables
- Kit made up of 2 supports and the fixings required for assembly.

NSYSBRF86
NSYSBRF88
NSYSBRF810

NSYSBRF66
NSYSBRF68
NSYSBRF610

| Rack width (mm) | Rack depth (mm) | Reference |
|-----------------|-----------------|-------------------|
| 600 | 600 | NSYSBRF66 |
| 600 | 800 | NSYSBRF68 |
| 600 | 1000 | NSYSBRF610 |
| 800 | 600 | NSYSBRF86 |
| 800 | 800 | NSYSBRF88 |
| 800 | 1000 | NSYSBRF810 |



PB501610

Fixed partial 19" uprights

- Height: 2U
- Direct assembly on the framework of the rack, 100 mm back from the front panel
- Treated sheet steel
- Kit made up of 2 uprights and the fixings required for assembly.

| Number of U | Reference | |
|-------------|--------------|--------------|
| | Width 600 mm | Width 800 mm |
| 2 | NSYBR9F2U6 | NSYBR9F2U8 |



PB501565

Metric uprights

- Direct assembly on the framework, with the help of the metric uprights, instead of the 19" uprights
- Kit made up of 2 uprights and the fixings required for assembly
- Depth adjustable in steps of 25 mm.

| Rack height (mm) | Number of U | Reference |
|------------------|-------------|-----------|
| 1200 | 43 | NSYBMF43 |
| 1800 | 68 | NSYBMF68 |
| 2000 | 75 | NSYBMF75 |



PB501609

Metric upright supports

- Fixing on the framework instead of the 19" upright supports, allowing the assembly of the metric uprights
- Kit made up of 2 supports and the fixings required for assembly.

NSYSBMF66

| Rack width (mm) | Number of U | Reference |
|-----------------|-------------|-----------|
| 600 | 600 | NSYSBMF66 |



PB501514

Cable-support cross-rails on framework (N)

- Direct assembly on the framework of the enclosure
- Allow cables to be flanged using cable ties
- Treated sheet steel
- Kit made up of 2 cross-rails and the fixings required for assembly.

NSYTVPS8

| Width (mm) | Reference |
|------------|-----------|
| 600 | NSYTVPSL6 |
| 800 | NSYTVPSL8 |

| Depth (mm) | Reference |
|------------|------------|
| 600 | NSYTVPSP6 |
| 800 | NSYTVPSP8 |
| 1000 | NSYTVPSP10 |

Mounting components

Equipment support

PB500189



Fixings for 19" racks

Page
XX

PB501477



Fixed 19" trays

Page
XX

PB500190



Telescopic 19" trays

Page
XX

Power-distribution

Current distribution

PB501479



19" distribution rail with or without protection

Page
XX

Modular distribution

PB501480



19" front plates for modular circuit breakers

Page
XX

Cable-management plates

19" cover plate

PB501481



19" cover plates
Painted steel: 1.5 mm

Page
XX





PB501482





19" cover plates with ventilation louvres
Steel 1.5 mm

Page
XX



Cable-management

| Cable distribution | | Cable management | |
|---|---|--|--|
|  <p>PB501483</p> |  <p>PB501484</p> |  <p>PB501485</p> |  <p>PB501487 PB501486</p> |
| 1U or 2U 19" front panels with cable-gland openings | 1U 19" cable-gland front panels with brush gasket | 1U 19" front panels with insulating guides | 1U 19" front panels with metal guides or with cable ducting |
| Page XX | Page XX | Page XX | Page XX |

Thermal-management

| 19" thermostats | |
|---|---|
|  <p>PB501488</p> |  <p>PB501489</p> |
| 1U front panel with switch and thermostat | 1U front panel with digital thermostat |
| Page XX | Page XX |

Monitoring system

| Lighting | Keyboard-mouse-screen drawer |
|--|--|
|  <p>PB 00706</p> |  <p>AWL_1901-B-TP_002</p> |
| Lamp to be fixed on 19" | Keyboard-mouse-screen drawer |
| Page XX | Page XX |

PE301604



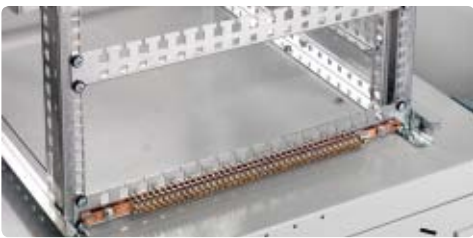
NSYAEECS

PE301642



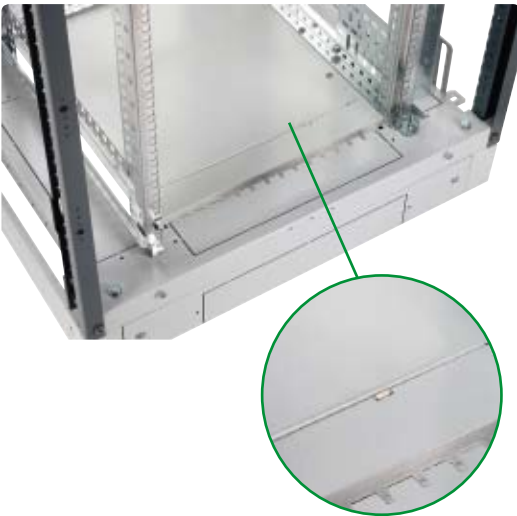
NSYAEEC1UF

PE301643



NSYAEEC1UN

PE301642



PE300217



Earthing strip (Y)

- Two models available:
 - insulated: 10 x 5 mm brass bar with 40 connection points by screws for lugs (screws not installed)
 - non-insulated: stainless-steel bar ref. **NSYAEEC1UF**, connection by Faston lug 6.5 or by copper bar with caged terminal ref. **NSYAEEC1UN**
- Fixing to the 19" rack or to the framework
- Length: 480 mm
- Delivered with fixings
- Strip reference **NSYAEEC1UN** is equipped with caged terminal blocks.

| Insulated | Reference |
|-----------|-------------------|
| Yes | NSYAEECS |
| No | NSYAEEC1UF |
| No | NSYAEEC1UN |

Earthing claws

- Batch of 100 pieces
- Provides earthing continuity of the front panels and blanking plates.

Note: it is up to the installer to make sure earth continuity and the earth connections are guaranteed.

| Reference |
|--------------------|
| NSYAEEC100C |

Earthing kit for Actassi OPB / VDC

- To earth all the covering components.

| Reference |
|-----------------|
| NSYCTOPB |

Earthing kit for Actassi VDA / VDS

- Kit for earthing the cladding pieces of the enclosure
- Assembly on all the doors of the enclosure to comply with standard IEC 62208, Section 9.10 regarding the continuity of the protection circuit
- Brass and copper lugs
- Green-yellow PVC insulating sheath.

Note: it is up to the installer to make sure earth continuity and the earth connections are guaranteed.

| Reference |
|-----------------|
| NSYCTVDA |

PS501644



Nuts for 19" uprights

For fixing components to the rear of the 19" uprights.

- Batch of 50 M6 caged nuts
- Bag of M6 caged nuts for 12 mm square holes (holes on the rear of the 19" uprights).

Reference of batch of 50 nuts

NSYGFR12M65

PS500189



Fixings for 19" rack

- They allow 19" accessories to be mounted
- Caged nut compatible with 8.5 x 8.5 mm and 9.5 x 9.5 mm holes.

| Batch of | Name | Reference |
|----------|----------------------------|--------------------|
| 30 | M6 screws + washers + nuts | NSYGFR95M63 |
| 50 | M6 x 16 screws and washers | NSYGFR166P |
| 100 | M6 caged nuts | NSYCN9M625 |
| 50 | M6 screws + washers + nuts | NSYGFR95M65 |
| 50 | M5 screws + washers + nuts | NSYGFR95M55 |

Universal accessories

Shelves

(compatible only with floor standing enclosures)



PB901637



PB901640

Fixed perforated and plain 19" trays, 1U

- Fixing by attachment without tools between the front and rear 19" uprights
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 100 kg
- Option of installing a handle reference **NSYASR3U** on the front panel (page XX) and a guide reference **NSYGCA46** on the rear panel (page XX).

| Rack depth (mm) | Fixing centre-to-centre distance (mm) | References of RAL 7035 perforated 19" trays | References of RAL 7035 plain 19" trays |
|-----------------|---------------------------------------|---|--|
| 600-800-1000 | 258 (1) | NSYBBF1U40P | NSYBBF1U40 |
| 800-1000 | 458 (1) | NSYBBF1U60P | NSYBBF1U60 |
| 1000 | 658 (1) | NSYBBF1U80P | NSYBBF1U80 |

| Rack depth (mm) | Fixing centre-to-centre distance (mm) | References of RAL 7016 perforated 19" trays |
|-----------------|---------------------------------------|---|
| 600-800-1000 | 258 (1) | NSYBBF1U40PG |
| 800-1000 | 458 (1) | NSYBBF1U60PG |
| 1000 | 658 (1) | NSYBBF1U80PG |

(1) -100 ...+50 mm, adjustable in steps of 25 mm.



PB501508



PB501641

Telescopic perforated and plain 19" trays, 1U

- Fixing by attachment without tools between the front and rear 19" uprights
- Fixing on the telescopic slides supplied
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 45 kg
- Option of installing a handle reference **NSYASR3U** on the front panel (page XX) and a guide reference **NSYGCA46** on the rear panel (page XX).

| Rack depth (mm) | Fixing centre-to-centre distance (mm) | Mounting on slides (1) | References of RAL 7035 perforated 19" trays | References of RAL 7035 plain 19" trays |
|-----------------|---------------------------------------|------------------------|---|--|
| 600-800-1000 | 258 (2) | NSYGT40 | NSYBBT1U40P | NSYBBT1U40 |
| 800-1000 | 458 (2) | NSYGT60 | NSYBBT1U60P | NSYBBT1U60 |
| 1000 | 658 (2) | NSYGT80 | NSYBBT1U80P | NSYBBT1U80 |

| Rack depth (mm) | Fixing centre-to-centre distance (mm) | Mounting on slides (1) | References of RAL 7016 perforated 19" trays |
|-----------------|---------------------------------------|------------------------|---|
| 600-800-1000 | 258 (1) | NSYGT40 | NSYBBT1U40PG |
| 800-1000 | 458 (1) | NSYGT60 | NSYBBT1U60PG |
| 1000 | 658 (1) | NSYGT80 | NSYBBT1U80PG |

(1) Slides delivered with the tray.

(2) -100 ...+50 mm, adjustable in steps of 50 mm.



PB501645

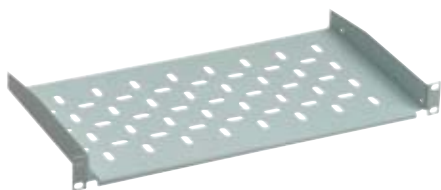
Handle for telescopic 19" tray

- Plastic material, RAL 7011 dark grey
- Delivered with fixings.

Reference

NSYASR3U

PB501646



1U fixed 19" tray

- Fixing to the front or rear uprights of the 19" rack
- Heel of 5 mm
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 1U 15 kg - 2U 20 kg.

| Number of U | Depth (mm) | Load (kg) | Reference RAL 7035 | Reference RAL 7016 |
|-------------|------------|-----------|--------------------|--------------------|
| 2U | 250 | 20 | NSYBF2U25P | NSYBF2U25PG |
| 2U | 380 | 20 | NSYBF2U40P | NSYBF2U40PG |
| 1U | 250 | 15 | NSYBF1U25P | - |

PB500180



2U telescopic 19" tray

- Fixing to the front uprights of the 19" rack
- Sheet steel, RAL 7035 or RAL 7016 grey paint
- Acceptable load: 5 kg
- Delivered with the telescopic slides assembled
- Heel of 5 mm.

| Number of U | Depth (mm) | Load (kg) | Reference RAL 7035 | Reference RAL 7016 |
|-------------|------------|-----------|--------------------|--------------------|
| 2U | 250 | 5 | NSYBT2U25P | NSYBT2U25PG |

PB501647



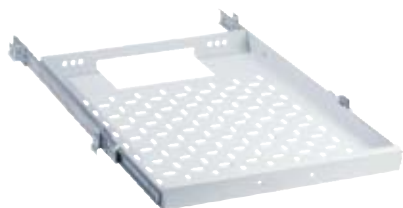
19" screen-support tray

(Compatible only with floor standing enclosures)

- Fixing by attachment without tools between the front and rear 19" uprights
- Sheet steel, RAL 7035 light grey paint
- Delivered with all the necessary fixings
- Acceptable load: 45 kg.

| Rack depth (mm) | Reference |
|-----------------|-----------|
| 800-1000 | NSYBSM80 |
| 1000 | NSYBSM100 |

PB501648



19" keyboard-support tray

(Compatible only with floor standing enclosures)

- Sheet steel, RAL 7035 light grey paint
- Delivered with all the necessary fixings
- Acceptable load: 45 kg
- Fixing by attachment without tools between the front and rear 19" uprights
- Fixing on the telescopic slides supplied
- Optional installation of handle reference NSYASR3U.

| Rack depth (mm) | Reference |
|-----------------|-----------|
| 800-1000 | NSYBST80 |
| 1000 | NSYBST100 |

Shelves

(compatible only with floor standing enclosures)

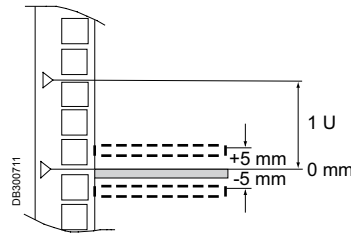
PB501510



Fixed 19" slides

- Batch of 2 slides for the 19" hardware
- Material: treated steel
- Acceptable load: 60 kg
- Heel 0 mm: fixing by attachment between the front and rear 19" uprights
- Heel ± 5 mm: fixing by screws between the front and rear 19" uprights; supplied with the slides.

| Rack depth (mm) | Distance between the front and rear uprights | Fixing centre-to-centre distance (mm) | Reference heel height: 0 mm | Reference heel height: +/-5 mm |
|-----------------|--|---------------------------------------|-----------------------------|--------------------------------|
| 600-800-1000 | 350 | 258 | NSYGF356 | NSYGF356H5 |
| 800-1000 | 450 | 358 | NSYGF456 | - |
| 800-1000 | 550 | 458 | NSYGF556 | NSYGF556H5 |
| 1000 | 650 | 558 | NSYGF656 | - |
| 1000 | 750 | 658 | NSYGF756 | NSYGF756H5 |



PB501511

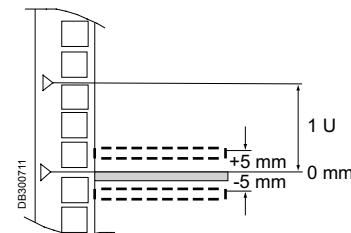
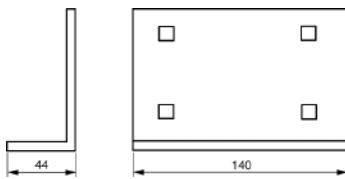


2U partial fixed 19" slides

- Batch of 2 slides
- Fixing by attachment on the front or rear 19" uprights
- Material: treated steel
- Acceptable load: 30 kg.

| Number of U | Heel height (mm) | Reference |
|-------------|------------------|------------|
| 2U | 0 | NSYGB140 |
| 2U | +/-5 | NSYGB140H5 |

DB300712



PB501650



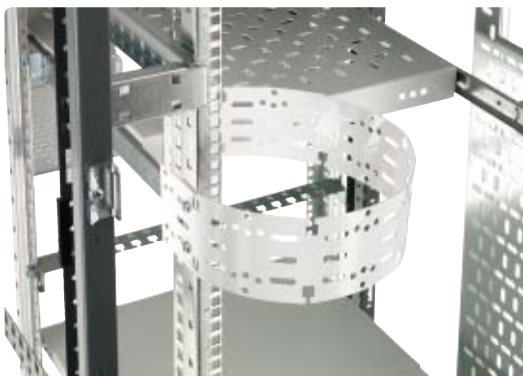
Full telescopic 19" slides

- Batch of 2 slides, for plain or perforated tray, guaranteeing a full pull-out
- Fixing between the front and rear 19" uprights
- Delivered with fixing accessories.

| Rack depth (mm) | Fixing centre-to-centre distance (mm) | Reference |
|-----------------|---------------------------------------|-----------|
| 600-800-1000 | 258 (1) | NSYGT40 |
| 800-1000 | 458 (1) | NSYGT60 |
| 1000 | 658 (1) | NSYGF80 |

(1) -100 ...+50 mm, adjustable in steps of 50 mm.

PB501651



Cable support for telescopic tray

- Plastic strip for containing the cables between the framework and the telescopic accessories
- Delivered with the fixings required for installation
- Delivery by unit.

Reference

NSYBTSC

PB501652



Rear cable support

- Fixing of cables through an opening without effort
- Direct fixing to the framework and the rear part of the tray.

Reference

NSYBTSCS

PB501653



Universal fixing plate

- Fixing to the 19" uprights or to the framework uprights for mounting accessories
- Delivery by unit.

Reference

NSYEUV

Universal accessories

Electrical power distribution rails

PDU'S

UTE - 16 A/230 V~ with pin-earthed outlets

- Sockets set at 35° with child protection
- Aluminium profile silver - height 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system
- According to NF C 61314, IEC 60884 and NBNC61112-1 standards
- Could be used in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic.

| Number of sockets | Width (mm) | Depth (mm) | Type | UTE |
|--|------------|------------|------|---------------------|
| 10" Adapted | | | | |
| 3 sockets outlets | 10" | 44 | A | NSYAPU10F3 |
| 3 sockets outlets with recessed green led switch | 10" | 44 | B | NSYAPU10F3S |
| 19" Adapted | | | | |
| 9 sockets outlets | 19" | 44 | A | NSYAPU19F9 |
| 8 sockets outlets with recessed green led switch | 19" | 44 | B | NSYAPU19F8S |
| 6 sockets outlets with Overvoltage protection 16 A | 19" | 76 | C | NSYAPU19F6CB |
| 7 sockets outlets with Overvoltage protection 16 A + frequency filters | 19" | 44 | D | NSYAPU19F7FA |
| Vertical – 0U | | | | |
| 10 sockets outlets with recessed green led switch (D. 968 mm) | 968 | 44 | B | NSYAPUF10S |
| 12 sockets outlets with Overvoltage protection 16 A (D. 1232 mm) | 1232 | 76 | C | NSYAPUF12CB |

NSYAPU10F3



NSYAPU10F3S



NSYAPU19F9



NSYAPU19F8S



NSYAPU19F6CB



NSYAPU19F7FA



NSYAPUF10S



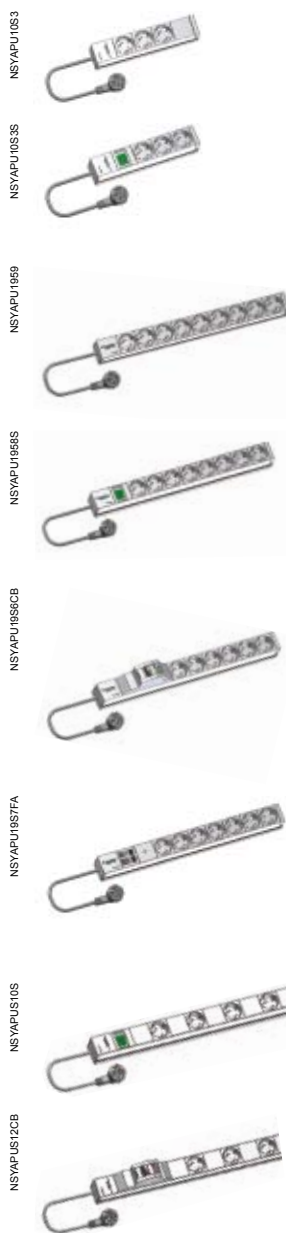
NSYAPUF12CB



- A: rail of sockets without protection
- B: rail of sockets with recessed green LED switch
- C: rail of sockets with bi-polar magnetothermal circuit-breaker C16 type C60N 16 A curve C
- D: suppression filter for interferences of up to 30 MHz, nominal frequency 400 Hz, attenuation 20 dB per decade.

VDE - 16 A / 230 V~ with side-earthed outlets

- Sockets set at 35° with child protection
- Aluminium profile silver - height 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system
- According to DIN49 440, VDE0620-1, IEC 60884 and UNE20315 standards
- Could be used in: Germany, Austria, Netherlands, Italy (partial), Spain, Portugal, Sweden, Norway, Finland, Slovenia, Romania, Hungary, Afghanistan, Andorra, Vatican City, San Marino, Estonia, South Korea, Indonesia, Iceland, Chile, Bulgaria.



| Number of sockets | Width (mm) | Depth (mm) | Type | VDE |
|--|------------|------------|------|---------------------|
| 10" Adapted | | | | |
| 3 sockets outlets | 10" | 44 | A | NSYAPU10S3 |
| 3 sockets outlets with recessed green led switch | 10" | 44 | B | NSYAPU10S3S |
| 19" Adapted | | | | |
| 9 sockets outlets | 19" | 44 | A | NSYAPU19S9 |
| 8 sockets outlets with recessed green led switch | 19" | 44 | B | NSYAPU19S8S |
| 6 sockets outlets with Overvoltage protection 16 A | 19" | 76 | C | NSYAPU19S6CB |
| 7 sockets outlets with Overvoltage protection 16 A + frequency filters | 19" | 44 | D | NSYAPU19S7FA |
| Vertical | | | | |
| 10 sockets outlets with recessed green led switch (D. 968 mm) | 968 | 44 | B | NSYAPUS10S |
| 12 sockets outlets with Overvoltage protection 16 A (D. 1232 mm) | 1232 | 76 | C | NSYAPUS12CB |

- A: rail of sockets without protection
- B: rail of sockets with recessed green LED switch
- C: rail of sockets with bi-polar magnetothermal circuit-breaker C16 type C60N 16 A curve C
- D: suppression filter for interferences of up to 30 MHz, nominal frequency 400 Hz, attenuation 20 dB per decade.

UK - 13 A/240 V~ with BS standard outlets

- Sockets set at 90° with child protection
- Aluminium profile silver - heigh 1U
- Material: fibreglass polyamide plastic with fire resistance to 850°C
- Equipped with power cord (3G 1.5 mm²) type H05 VVF, equipped with a mould right angle plug with earthing contact system.

NSYAPU19UK7



NSYAPU19UK6S



| Number of sockets | Width (mm) | Depth (mm) | Type | UTE |
|--|------------|------------|------|---------------------|
| 19" Adapted | | | | |
| 7 sockets outlets | 19" | 44 | A | NSYAPU19UK7 |
| 6 sockets outlets with recessed green led switch | 19" | 44 | B | NSYAPU19UK6S |

PE500984



NSYAPUB

Fixing brackets

- For vertical assembly of distribution rails
- Batch of 2 brackets, adaptable to all rails, delivered with fixings
- Material: treated steel, thickness 10/10 mm
- Fixing to the ends of the rail: reference **NSYAPUBV**
- Fixing with an orientation of 90°: reference **NSYAPUB**.

| Fixing | Reference |
|--------------------|-----------------|
| End of the rail | NSYAPUB |
| Orientation of 90° | NSYAPUBV |

PE500985



NSYAPUBV



PBS01480

NSYCRTMR3UD

19" front plate for modular circuit-breakers

- Front plates for mounting 22 18 mm modules
- Fixing to the 19" rack
- Delivered with steel DIN rail
- Front panel made from sheet steel, 15/10 mm thick, RAL 7035 or RAL 7016 grey paint
- Front panel made from 3 mm anodised aluminium.

| Number of U | References | |
|-------------|----------------------------|----------------------------|
| | RAL 7035 steel front panel | RAL 7016 steel front panel |
| 3U | NSYCRTM3UD | NSYCRTM3UDG |
| 4U | - | - |



PBS01658

NSYCRTA4UD

19" DIN rail

- DIN rail for fixing on the front surface of the 19" uprights
- Delivery by unit.

| Reference |
|-----------|
| NSYR19DN |



PBS01659

Universal accessories

Cable management

(compatible only with floor standing enclosures)



Side cable-support cross-rails on 19" uprights

- For mounting between the front and rear 19" uprights
- Allow cables to be flanged using cable ties
- Batch of 2 pieces.

| Rack depth (mm) | Distance between the front and rear 19" uprights (mm) | Fixing centre-to-centre distance (mm) | Reference |
|-----------------|---|---------------------------------------|------------------|
| 600-800-1000 | 350 | 258 | NSYTVP356 |
| 600-800 | 550 | 458 | NSYTVP556 |
| 800-1000 | 750 | 658 | NSYTVP756 |

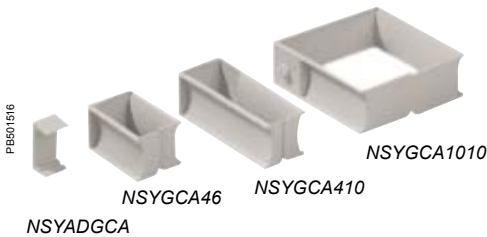


Rear cable-support cross-rails on fixed 19"

- Mounting on the rear of the 19" uprights of the rack
- Allow cables to be fixed and guided at the rear of the circulation panels
- Delivered with the fixings required for installation.

Reference

NSYTVAR



Guides (X)

- Mounting on:
 - The 19" uprights (laterally)
 - All the cable-support cross-rails
 - At the rear of the 19" shelves
 - on the framework uprights, with the help of intermediate support reference **NSYADGCA**

- Material: plastic, RAL 7035 light grey
- Guides and supports: batch of 10.

| Dimensions (mm) | Reference |
|-----------------|-------------------|
| 40 x 60 | NSYGCA46 |
| 40 x 100 | NSYGCA410 |
| 100 x 100 | NSYGCA1010 |

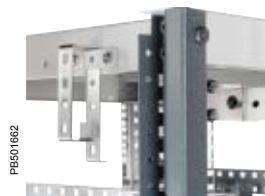
Reference of the intermediate support

NSYADGCA

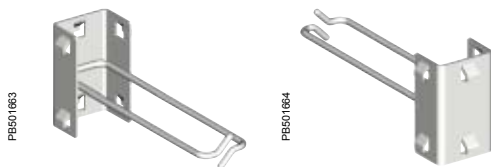


Metal guides

- Delivered with the mounting elements (screw, nut)
- Installation on the 19" rack, laterally on the framework uprights inside the rack
- Batch of 10 pieces.



| Description | Reference |
|-----------------|------------------|
| 100 x 100 guide | NSYGC1010 |
| 40 x 100 guide | NSYGC410 |



Wired guides

- Batch of 10 wired guides
- Side mounting on the 19" uprights
- Material: treated steel.

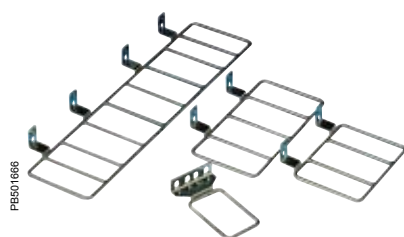
| Dimensions (mm) | Reference |
|-----------------|-----------|
| 24 x 130 | NSYGCH213 |



Cable guide

- Protects and guides the cables on the sheet edges
- Batch of 10 plastic guiding flanges
- Fixed by simply clipping onto the sheet edge.

| Reference |
|-----------|
| NSYGCP |



19" vertical cable guides

- Fixing on the 19" uprights
- Material: nickel steel
- Delivery by unit.

| Number of U | Depth (mm) | Reference |
|-------------|------------|------------|
| 9U | 120 | NSYGC9U19 |
| 1.5U | 120 | NSYGC1US19 |



Self-grip strips

- For holding the cables on the supports
- Models available in 3 shapes:
 - cable tie 13 mm wide, 225 mm long; batch of 10 pieces
 - strap in a roll 16 mm wide and 5 metres long, black colour
 - adhesive cable strap, 50 x 20 mm, black colour, in a batch of 10 pieces.

| Colour | Reference of 225 mm strips |
|--------|----------------------------|
| Black | NSYACC2N |

| Colour | Reference of 5 m strips |
|--------|-------------------------|
| Black | NSYACC50N |

| Colour | Reference of adhesive strap |
|--------|-----------------------------|
| Black | NSYACCA |

NSYACC2N

Universal accessories

Cable management

(compatible only with floor standing enclosures)



P8501687

Support for the management of cable surplus

- Used for winding cable surplus
- Delivered with the fixings required for installation.

Reference

NSYACGCS



Performa Zinc+ Mesh trays prepared for Actassi VDA / VDS - 42U enclosures (W)

- 2 models available with depths of 35 or 70 mm; width of 200 mm and length of 1800 mm
- Made from high-quality steel wires with an innovative surface coating for improved corrosion resistance
- Mounting on cable support (references **NSYTVPSL6** to **NSYTVPSP10**) or on the 19" upright supports (rack width 800 mm only)
- Delivered with fixing accessories.

| Usable depth (mm) | Reference |
|-------------------|----------------|
| 35 | NSYBPC3 |
| 70 | NSYBPC5 |

A summary of the Performa Zinc+ benefits

- A new innovative surface coating for improved corrosion resistance, aesthetic finish and reduced environmental impact
- Double transversal wires for outstanding working load
- Reduced installation time with screw-less accessories
- Patented solution for safety edges
- Delivered in a protective film, colour coded for easy identification.



P126483



NSYCRTM1U32B

1U 19" front panels with metal guides

- Channels the cables over the front panel of the rack
- Fixing to the 19" rack
- Sheet steel, RAL 7035 or RAL 7016 grey paint.

| Number of guides | | RAL 7035 cable-guide reference | RAL 7016 cable-guide reference |
|------------------|--------|--------------------------------|--------------------------------|
| Vert. | Horiz. | | |
| 4 | 0 | NSYCRTM1U40B | NSYCRTM1U40BG |
| 3 | 2 | NSYCRTM1U32B | - |



2U 19" front panel with cable ducting

- Channels and protects the cables over the front panel of the rack
- Fixing on the 19" uprights
- Reinforces the aesthetics of the equipment
- Sheet steel, RAL 7035 light grey paint.

Reference
NSYCRTM2UC



1U 19" front panel with cable-gland openings

- Fixing on the 19" uprights
- Openings protected by a gasket
- Sheet steel, RAL 7035 or RAL 7016 grey paint.

| RAL 7035 reference | RAL 7016 reference |
|--------------------|--------------------|
| NSYCRTM1U2 | NSYCRTM1U2G |



1U 19" front panel with openings and cable support

- Fixing on the 19" uprights
- Openings protected by a gasket
- Performs the duty of a cable tray
- Sheet steel, RAL 7035 light grey paint.

Reference
NSYCRTM1UA2



NSYCRTM1U1P

1U 19" front panels with cable-gland and brush gasket

- Fixing on the 19" uprights
- Sheet steel, RAL 7035 or RAL 7016 paint
- 150 mm cable support.

| Type | RAL 7035 reference | RAL 7016 reference |
|-----------------------------------|--------------------|--------------------|
| With cable support at the rear | NSYCRTM1U1P | NSYCRTM1U1PG |
| Without cable support at the rear | NSYCRTM1U1PS | - |



1U 19" front panel with insulating guides

- Channels the cables over the front panel of the rack
- Fixing on the 19" uprights
- Steel front panel, RAL 7035 light grey paint
- Equipped with 5 guides (reference NSYGCA46) in horizontal, vertical and 45° positions.

Reference
NSYCRTM1U5GCA

PB501669



NSYCRTM2U3

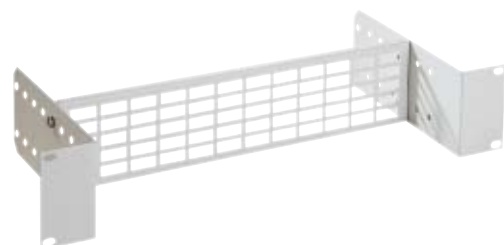
2U 19" front panel with cable-gland

- Fixing to the 19" rack
- Openings protected by a gasket
- Sheet steel, RAL 7035 light grey paint.

Reference

NSYCRTM2U3

PB501670



2U depth-adjustable 19" support

- Fixing on the 19" uprights
- Depth-adjustable from 50 to 200 mm; it allows the installation of non-19" devices or the fixing of cables, ducting, etc.
- Sheet steel, RAL 7035 light grey paint
- Delivered with assembly fixings.

Reference

NSYCRTM2US

PB501671



Frontal 19" cable-support cross-rails

- For frontal assembly on the 19" uprights
- Allow cables to be flanged using cable ties
- Batch of 2 pieces.

Reference

NSYTVA



PB601481

Sheet steel.

Plain 19" front panel

- Fixing to the 19" rack
- Front panel made from sheet steel, 15/10 mm thick, RAL 7035 or RAL 7016 grey paint
- Front panel made from 3 or 4 mm anodised aluminium
- Fixing by screws reference **NSYGFR95M65**
- Earthing claws reference **NSYAEEC100C**.

| Number of U | References | |
|-------------|----------------------------|----------------------------|
| | RAL 7035 steel front panel | RAL 7016 steel front panel |
| 1U | NSYCRTM1U | NSYCRTM1UG |
| 2U | NSYCRTM2U | NSYCRTM2UG |
| 3U | NSYCRTM3U | NSYCRTM3UG |
| 4U | NSYCRTM4U | - |
| 5U | NSYCRTM5U | - |
| 6U | NSYCRTM6U | - |
| 9U | NSYCRTM9U | - |
| 10U | NSYCRTM10U | - |
| 12U | NSYCRTM12U | - |



PB601482

Front panel with ventilation louvres

- Direct fixing to the 19" rack
- Sheet steel, 15/10 mm thick, RAL 7035 light grey paint
- Allow the entry of air for natural ventilation of the installations
- Option of installing reference **NSYCRTMR3U** with 3 fans reference: **NSYCVF65M230PF** as accessories
- Fixing by screws reference **NSYGFR95M65**
- Earthing claws reference **NSYAEEC100C**.

| Number of U | Reference |
|-------------|-------------------|
| 1U | NSYCRTMR1U |
| 3U | NSYCRTMR3U |

PE501488



1U 19" front panel with ventilation switch and thermostat

- Direct fixing to the 19" rack
- Switch with LED
- Thermostat 0 ... +60°C, In 5 A/250 V
- Front panel made from RAL 7035 or RAL 7016 sheet.

Reference RAL 7035

NSYCRTM1UVT

Reference RAL 7016

NSYCRTM1UVTG

PE501489



1U 19" front panel with digital thermostat

- Direct fixing to the 19" rack
- Thermostat 0 ... +60°C, In 5 A/250 V
- Front panel made from RAL 7035 sheet
- Delivery with thermal sensor with 2 m of cable.

Reference

NSYCRTM1UVTD

PE501518



NSYAVD1U1450

1U 19" mixing drawer

- Speeds up the upward circulation of air
- Frontal operating LED
- Delivered without connection cord
- The installation of slides reference **NSYGB140** is recommended to guarantee optimum support for the drawer.

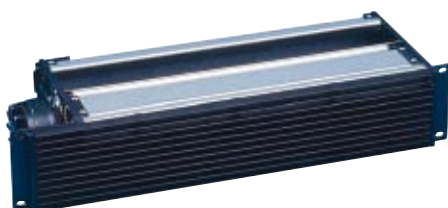
| P (W) | I (mA) | dB (A) | Depth (mm) | Flow rate (1) (m³/h) | Voltage (V) | Number of fans | Weight (kg) | Drawer reference |
|-------|--------|--------|------------|----------------------|-------------|----------------|-------------|------------------|
| 34 | – | 50 | 200 | 312 | 230 | 2 | 2.5 | NSYAVD1U312T (3) |
| 45 | 300 | 43 | 208 | 486 | 230 | 3 | 3.3 | NSYAVD1U480 |
| 68 | – | 52 | 320 | 624 | 230 | 4 | 5 | NSYAVD1U624T (3) |
| 90 | 600 | 44 | 330 | 972 | 230 | 6 | 5.5 | NSYAVD1U970 |
| 135 | 900 | 45 | 452 | 1458 | 230 | 9 | 7.8 | NSYAVD1U1450 |
| 21.3 | 330 | 43 | 208 | 552 | 48 (2) | 3 | 3.3 | NSYAVD1U550M48 |

(1) Flow measured without back pressure.

(2) Direct current.

(3) Drawers equipped with a thermostat and a switch.

PE501068



2U 19" tangential fan

- Voltage: 220 V/50 Hz
- Flow rate: 300 m³/h
- Power: 37 W
- Noise level: 53 dB (A).

Reference

NSYAVG2U300

AW_1901-B-TP-002

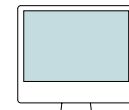
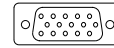
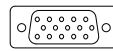


Telescopic keyboard-screen drawer, 1U

- Single-rail sliding console for any 1U (19") system rack
- Lockable rail (screw type) on both ends to prevent unit from sliding out during transportation
- 19" LCD display, integrated console keyboard & touchpad in a 1U rack drawer
- RGB analog LCD display up to 1280 x 1024 resolution.

| Type of keyboard | Reference |
|------------------|-------------------|
| French | NSYAUSK1UF |
| English | NSYAUSK1UE |

- A/C INPUT: 100-240 V, 1.5 A, 50-60 Hz
- VGA/Keyboard/Mouse contact





PB507061

Multi-fixing lamp

This lamp is designed to optimise the space and accessibility of the enclosure, as well as having four fixing options as standard in each model.



Supply: 1 lamp and fixing elements.

| Description | Voltage | Socket | | Reference |
|-------------------------------|---------|---------|--|-----------------|
| Multi-fixing lamp with socket | 230 V | Schuko | | NSYLAMCS |
| Multi-fixing lamp with socket | 230 V | UTE | | NSYLAMCF |
| Multi-fixing lamp with socket | 230 V | British | | NSYLAMCB |
| Multi-fixing lamp with socket | 120 V | UL-CSA | | NSYLAMCU |



PB50715

Cost-effective lamp

These lamps offer excellent value for money and can adapt to any installation.



Supply: 1 lamp and fixing elements.

| Power | Voltage | Frequency | Lumens* | Dimensions | | Reference |
|-------|---------|-----------|---------|---------------|---------------------|------------------|
| | | | | (mm) | (in) | |
| 8 W | 220 V | 50-60 Hz | 400 lm | 213 x 20 3 36 | 12.17 x 0.78 x 1.40 | NSYLAM8T5 |



PB50714

Rack for VDI

1U, 19" rack. For lamp installation in VDI enclosures.

Supplied with fixing elements.

| Description | Reference |
|----------------------|-----------------|
| 1U 19" rack for lamp | NSYLAM1U |

The customised offer

Do you want to have other enclosures than standard? No problem. With Actassi enclosures it's possible to customize colour, accessories, specific lining etc according to your personal needs.

Two levels of customisation

At Schneider Electric we have developed two levels of customised services based on more than 50 years of experience in the market:

- > Configured offer (standard, modified)
- > Specific offer (custom-built enclosures).



We perform machining, mounting of accessories and painting.



We manufacture customised solutions with our industrial tools. Example: cut-outs made before painting.



Examples of customised solutions



Configured

Configured offer



Make your own definition based on our standard claddings.

Example: Actassi VDS enclosure in RAL 9011

Equipped with:

- Double Front door with two-points locking system. Airflow above 80 %
- Double Rear door with two-points locking system. Airflow above 80 %
- Two side-doors with locks
- Roof equipped with 6 fans and 1 brush-entry cables



Specific

Specific offer



Built exactly according to your needs

Example: Actassi VDA







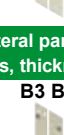





One specific VDA enclosure splitted in four compartments to allocate different cabling zones to different customers.

This enclosure is delivered equipped, machined and ready to use.



Definition example

| Number of | Size guide | |
|-----------|------------|------------|
| | Width (mm) | Depth (mm) |
| 24 | 600 | 600 |
| | | 800 |
| | | 1000 |
| 29 | 600 | 600 |
| | | 800 |
| | | 1000 |
| 33 | 600 | 600 |
| | | 800 |
| | | 1000 |
| 38 | 600 | 600 |
| | | 800 |
| | | 1000 |
| 42 | 600 | 600 |
| | | 800 |
| | | 1000 |
| 47 | 600 | 600 |
| | | 800 |
| | | 1000 |

| Rack elements | | Front door | | |
|---------------|-------------|---|---|---|
| Framework | Side panels | Single (1) | Double (2) | Single door (1) |
| | | A1  With cut-out entries A4  Without cut-out entries A5  With cut-out entries on the top frame, rigidity of 500 kg A6  Without cut-out entries on the top frame, rigidity of 500 kg | Plastic obturator B1 B2  With louvres Without louvres Brush gasket B4 B5  Without cut-out entries Lateral panels with louvres, thickness 50 mm B3 B6  With cut-out entries on the top frame, rigidity of 500 kg Panel lock kit D1  Coupling kit R1  | C1 C5  Plain C2 C6  Glazed C9 C10  Microperforated |

(1) In red: doors with 2-point closure
(2) In blue: double doors with 3-point closure

| S T | |
|---------------------------|----------|
| 1 | RAL 7035 |
| 2 | RAL 5015 |
| 3 | RAL 3003 |
| 4 | RAL 9001 |
| 5 | RAL 7011 |
| 6 | RAL 1021 |
| 7 | RAL 9011 |
| Other colours, consult us | |

Simplified order
Tick here to show whether this is an order or a price request (estimate).

Please specify the reference number of your request.

Easy
Please specify the dimensions of the required rack.

Order Estimate

Your ref.

Configure your rack

Number of identical racks required

| No. | U | Width | Depth | A | B | C | D | E | F | G | H | J | K | L | M | N | P | Q | R | S | T | V | W | X | Y | Z | |
|-----|---|-------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 29 | | 600 | 800 | | | | | 2 | | | 1 | 1 | 3 | 2 | | | | | | | | | | | | | |

Company Name
 Address Telephone
 Postcode - Town Fax
 Photocopy this form and fax it to your sales office E-mail

Smart
If your order is only for spare parts, please use the configuration sheet on page XX.

Please specify the reference of the chosen element.
Example: E2 is a roof plate with brush gasket.

Choice
Your choice of colours.
Example: grey uprights and yellow cladding.

| Rack elements | | | | | | | |
|---|-----------------|---|---|--|---|---|--|
| Rear | Double door (2) | Rear panel | Roof plate | Plinth | 19" upright | Escutcheon | Top blanking plate |
| <p>D6</p> <p>PB501552</p> <p>Plain</p> <p>D7</p> <p>PB501554</p> <p>Glazed</p> <p>D10</p> <p>PB501552</p> <p>Microperforated</p> | | <p>D4</p> <p>PB501558</p> <p>Plain</p> | <p>E1</p> <p>PB501559</p> <p>Plain</p> <p>E2</p> <p>PB501560</p> <p>Brush gasket</p> <p>E3</p> <p>PB501561</p> <p>Perforated</p> | <p>F1</p> <p>PB501562</p> <p>F2</p> <p>PB501563</p> <p>Anti-tilt</p> | <p>G1</p> <p>PB501564</p> <p>Front</p> <p>G2</p> <p>PB501565</p> <p>Front and rear</p> <p>G3</p> <p>PB501566</p> <p>12U partial front</p> <p>G4</p> <p>PB501567</p> <p>12U partial front and rear</p> | <p>H2</p> <p>PB501573</p> <p>Cable gland width 800 mm</p> <p>H3</p> <p>PB501487</p> <p>Of the structure</p> | <p>J2 J1</p> <p>PB501568</p> <p>Plain Brush gasket</p> <p>J3 J4</p> <p>PB501569</p> <p>3 fans 2 fans</p> <p>J5</p> <p>PB501570</p> <p>Ventilation louvres</p> |
| | | <p>D20</p> <p>PB501485</p> <p>Rear extension kit, 100 mm thick</p> | <p>Q1</p> <p>PB500883</p> <p>Roof stand-offs</p> | <p>M1</p> <p>PB501446</p> <p>Levelling feet</p> <p>M2</p> <p>PB501499</p> <p>Anti-vibration feet</p> <p>M3</p> <p>PB501501</p> <p>Wheels</p> <p>M4</p> <p>PB501550</p> <p>Foot-wheels adaptation kit</p> | <p>Partial 19" uprights</p> | <p>K2 K1</p> <p>PB501568</p> <p>Brush gasket</p> <p>K3</p> <p>PB501570</p> <p>Ventilation louvres</p> | |
| | | <p>Z3</p> <p>PB500217</p> <p>Panel earthing</p> | | | | <p>Bottom blanking plate</p> | <p>L1</p> <p>PB501571</p> <p>Brush gasket</p> <p>L2 L3</p> <p>PB501569</p> <p>3 fans 2 fans</p> <p>L4</p> <p>PB501570</p> <p>Ventilation louvres</p> |

Non-mounted accessories description

| Non-mounted accessories description | Reference | Amount |
|-------------------------------------|--------------|--------|
| .1U 19" front plate | NSYCRTM1U32B | 2 |
| .5U front panel | NSYCRTM5U | 1 |
| .1U fixed shelf | NSYBBF1U40 | 2 |
| .2U adjustable support | NSYCRTM2US | 1 |
| | | |
| | | |

Smart

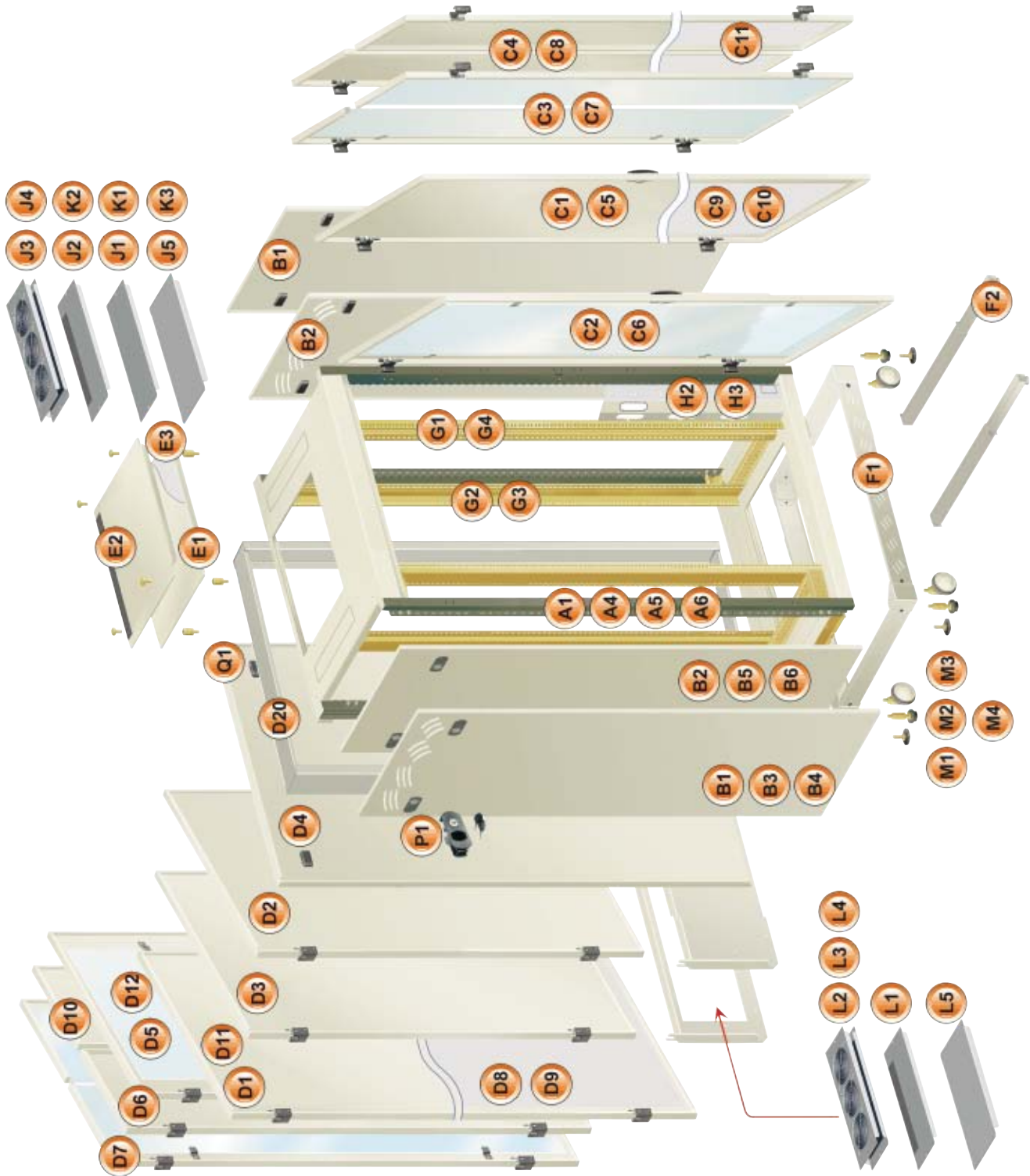
To order exactly identical racks, please specify the number of racks required. To order different racks, fill in a separate form for each type of rack.

Please specify the required rack accessories.

Practical

Choose the door opening direction.

Elements of a rack



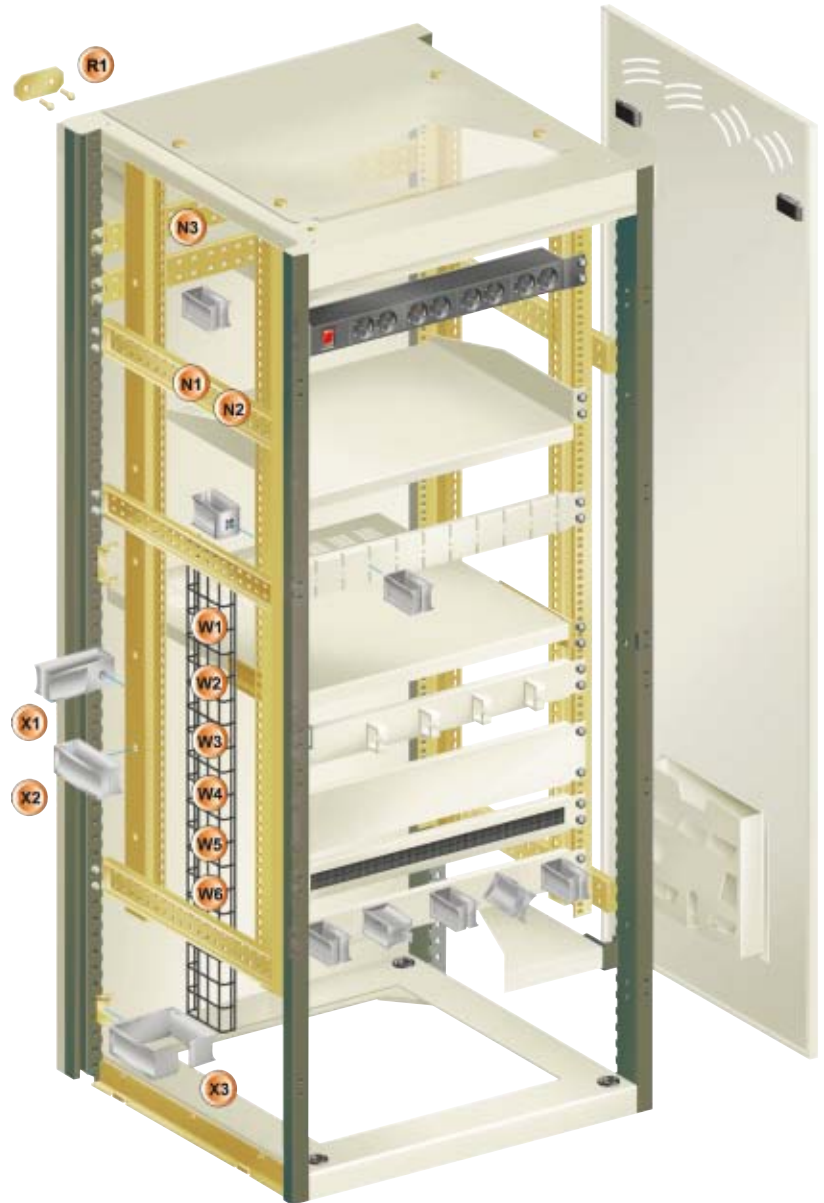
PB501422

Elements of a rack

- A Framework
- B Side panels
- C Front doors
- D Rear doors or panels
- E Plain roof plate
- F Plinths
- G 19" uprights
- H Trim strips
- J Blanking plates for the top of the rack
- K Blanking plates for the bottom of the rack (1)
- W Blanking plates for the rear of the rack (1 plate)
- M Standard levelling feet
- N Cable-support cross-rails
- D Lock kit for rear and side panels
- Q Roof stand-offs
- R Coupling kit
- S Colour of the paint on the structure uprights
- T Colour of the paint on the cladding elements
- W Steel wired cable trays
- X Cable-gland guides
- Y Earthing strips
- Z Door switch, fixings, earthing kit

(1) Number of plates

| Rack depth (mm) | Number of plates at the top | Number of plates at the bottom |
|-----------------|-----------------------------|--------------------------------|
| 600 | 3 | 2 |
| 800 | 3 | 3 |
| 1000 | 3 | 3 |



PE501572



Cladding elements and accessories

Rack elements

- A1** Framework with knock-out entries (top frame)
- A4** Framework without knock-out entries (top frame)
- A5** Framework with knock-out entries (top frame) rigidity 500 kg
- A6** Framework without knock-out entries (top frame) rigidity 500 kg

Cladding accessories

- B1** Side panels with ventilation louvres
- B2** Side panels without ventilation louvres
- B3** Side panels, with 50 mm ventilation louvres
- B4** Side panels, with ventilation louvres and brush gasket
- B5** Side panels, without ventilation louvres and brush gasket
- B6** Side panels with 50 mm ventilation louvres and brush gasket
- R1** Coupling kit
- P1** Lock kit for rear and side panels
- C5 C1** Plain front door (1)
- C6 C2** Glazed front door (1)
- C7** Front door with double leaf, glazed (2)
- C8** Front door with double leaf, plain (2)
- C10 C9** Microperforated front door (1)
- C11** Front door with double leaf, microperforated (2)
 - H3** Structure trim strips (rack without door)
- D11 D1** Plain rear door (1)
 - D2** Partial rear door with plain 6U panel
 - D3** Partial rear door with cut-out 6U panel
 - D4** Rear panel
- D12 D5** Glazed rear door (1)
- D6** Rear door with double leaf, plain (2)
- D7** Rear door with double leaf, glazed (2)
- D9 D8** Microperforated rear door (1)
- D10** Rear door with double leaf, microperforated (2)
 - D20** Rear extension kit
 - E1** Plain roof plate
 - E2** Roof plate with brush gasket
 - E3** Perforated roof plate
 - Q1** Roof stand-offs
 - Z3** Panel earthing kit
 - S** Colour of the structure upright paint
 - T** Colour of the paint of the cladding elements

(1) Code in red: doors with 2-point closure.

(2) Code in blue: double door with 3-point closure.

Base accessories

- F1** Plinth
- F2** Anti-tilt plinth
- M1** Standard levelling feet
- M2** Anti-vibration levelling feet
- M3** Handling castors
- M4** Castor adaptation kit

Blanking plates for the top of the rack (2)

- J1** Plain blanking plate
- J2** Blanking plate with brush gasket
- J3** Blanking plate with 3 fans
- J4** Blanking plate with 2 fans
- J5** Blanking plate with ventilation louvres

Blanking plates for the bottom of the rack (2)

- K1** Plain blanking plate
- K2** Blanking plate with brush gasket
- K3** Blanking plate with ventilation louvres

Blanking plates for the rear of the rack (1 plate)

- L1** Blanking plate with brush gasket
- L2** Blanking plate with 3 fans
- L3** Blanking plate with 2 fans
- L4** Blanking plate with ventilation louvres

(2) Top frame: always 3 plates; bottom frame depth 600 mm: 2 plates; depth 800 and 1000 mm: 3 plates.

Installation accessories

- G1** Front 19" uprights and depth supports
- G2** Front/rear 19" uprights and depth supports
- G3** 12U partial 19" uprights
- G4** Front/rear 12U partial 19" uprights installed at the top
- Z2** Bag of 19" fixings (30 pieces)

Cable-management accessories

- H2** Trim strips with cable glands (rack width 800 mm)
- N1** Cable-support cross-rails on framework, on the left
- N2** Cable-support cross-rails on framework, on the right
- N3** Cable-support cross-rails on framework, on the rear
- W1** Wired cable tray, 35 mm deep, on the left
- W2** Wired cable tray, 35 mm deep, on the right
- W3** Wired cable tray, 35 mm deep, on the rear
- W4** Wired cable tray, 70 mm deep, on the left
- W5** Wired cable tray, 70 mm deep, on the right
- W6** Wired cable tray, 70 mm deep, on the rear
- X1** 40 x 60 mm guides mounted on the 19" uprights
- X2** 40 x 100 mm guides mounted on the 19" uprights
- X3** 100x 100 mm guides mounted on the 19" uprights

Complementary accessories

- Y1** Insulated earthing strip
- Y2** Non-insulated earthing strip
- Z1** Door switch
- Z2** Bag of fixings
- Z3** Panel earthing kit

Example of realisations



Colocation 19" enclosure
Enclosure separated in 4 parts to give different access to each customer. Each hosted customer has his own secured access and cannot make some operation to the other part of the enclosure space.



Branded 19" enclosure equipped with saloon glazed doors
Enclosure totally customized with the customer requirements. 42U enclosure equipped with double glazed doors permits to open the doors when you don't have space.



Ventilated 19" enclosure with fans mounted on the doors
Enclosure dedicated to extract a lot of heat. Mainly dedicated to server application. This configuration permits to ensure the stability of the installation



19" enclosure – Depth 400 mm
19" enclosure with a very limited depth (Depth 400 mm) for cabling application. Required by the customer to reduce the size of the installation.



Wall-mounting enclosure – Depth 1000 mm
Enclosure totally customized with the customer requirements. 12U – Width 600 mm and Depth 1000 mm.



Racks structure merged with a middle zone cabling
Totally dedicated for cabling, this structure permits to easily manage the cables and to give the best access to install the components.

Degree of protection

Standard IEC 60364-5-51 lists and codifies a large number of external influences to which electrical installations can be subjected, including the presence of water, solid objects, shocks, vibrations, corrosive substances, etc.

IP code

Standard IEC 60529 (IP code, February 2001) indicates the degrees of protection provided by an enclosure for electrical devices against access to hazardous parts, against penetration of solid foreign objects and against penetration of water.

These standards do not apply for the protection against the risks of explosion or conditions such a humidity, corrosive vapour, fungus or vermin.

The IP code is made up of two characteristic numerals and can include an additional letter when the actual protection for persons against access to the hazardous parts is better than that indicated by the first numeral.

The first numeral characterises the protection provided against the ingress of solid foreign objects and the protection of persons.

The second numeral characterises the protection provided against the ingress of water with harmful effects.

| 1 st numeral | 2 nd numeral | Protection of persons | Protection against ingress of solid objects | 2 nd numeral | Protection against ingress of water | |
|-------------------------|-------------------------|--|--|-------------------------|-------------------------------------|--|
| 1 | 1 | Protected against access with back of hand | Protection against solid foreign objects larger than 50 mm | Ø50 mm | 1 | Protected against vertically dripping water (condensation) |
| 2 | 2 | Protected against access with a finger | Protection against solid foreign objects larger than 12.5 mm | Ø12.5 mm | 2 | Protected against dripping water up to 15° from vertical |
| 3 | 3 | Protected against access with a tool | Protection against solid foreign objects larger than 2.5 mm | Ø2.5 mm | 3 | Protected against spraying water up to 60° from vertical |
| 4 | 4 | Protected against access with a wire | Protection against solid foreign objects larger than 1 mm | Ø1 mm | 4 | Protected against splashing water from all directions |
| 5 | 5 | Protected against access with a wire | Protected against dust (dust protected) | Ø1 mm | 5 | Protected against water jets from all directions |
| 6 | 6 | Protected against access with a wire | Dust tight | Ø1 mm | 6 | Protected against powerful water jets from all directions |
| | | | | | 7 | Protected against the effects of temporary immersion in water |
| | | | | | 8 | Protected against the effects of continuous immersion in water |

IK code

Standard IEC 62262 defines an IK code characterising the capacity of products to resist mechanical impacts from all sides.

| IK code | Impact energy (joules) |
|---------|------------------------|
| 01 | 0.14 |
| 02 | 0.2 |
| 03 | 0.35 |
| 04 | 0.5 |
| 05 | 0.7 |
| 06 | 1 |
| 07 | 2 |
| 08 | 5 |
| 09 | 10 |
| 10 | 20 |

IK codes can be selected according to the risks of impacts on a given site.

| Risk | Site | Recommended IK |
|--|--------------------|----------------------------|
| No risk of major impact | Technical premises | 07 |
| Significant risk of impact that can damage devices | Hallways | 08 (switchboard with door) |
| Maximum risk of impact that can damage the switchboard | Workshops | 10 |

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
92506 Rueil Malmaison Cedex
France

RCS Nanterre 954 503 439
Capital social 896 313 776 €
www.schneider-electric.com

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