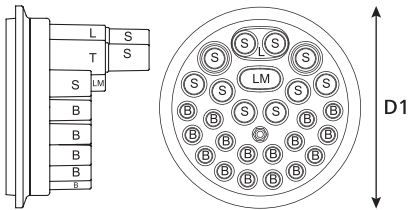## UFC Integrated Routing Closure

B - C Length

The UFC fibre splice closure is the largest fibre splice closure from HellermannTyton. With a large number of ports for larger fibre cables, the UFC is suited to all FTTX, backhaul and trunk applications.

Features and benefits

- Maximum fibre splice capacity
  - 360 when using SE MKII trays (C Length)
  - 1440 when using SC-B MKI tray (C Length Double Stack)
- 28 round ports and 2 oval ports
- Positive fibre management to ensure consistent 30mm minimum fibre bend radii throughout
- Fibre storage area
- Bi-directional fibre routing
- Bottom of Stack and Top of Stack crossover points on Double Stack Closures.

- Accommodates SC, SC-B and SE trays
- Maximum 12 splices per tray without double stacking
- 3A and ANT splice options available
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional pressure release valve

NEW!

UFC IR C-Length and B-Length Closures with baskets and SE-IR MKII fibre splice trays.

UFC IR C-Length Double Stack, C-Length and B-Length Single Stack Closures with baskets and SC-B fibre splice trays.
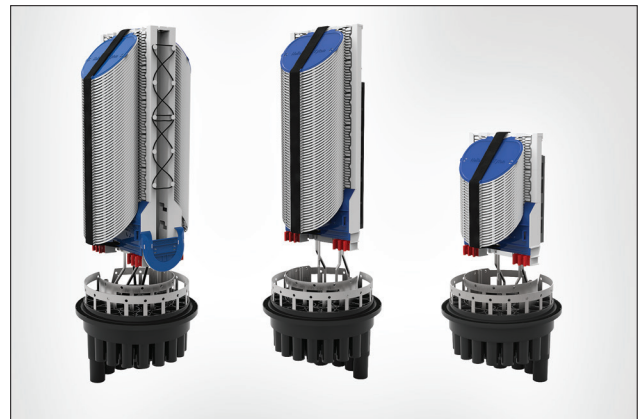

UFC Base Configuration

Technical Description

The UFC Integrated Routing (IR) closure is available with a Cablelok (Polypropylene) or Heatshrink (Flame Retardant Polypropylene) base. The base configuration of 28 round ports and 2 oval ports covers a cable diameter range of 4.0 – 29.0mm when using Cablelok mechanical seals and 6.0 – 35.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and the backplanes are aluminium extrusions. The UFC offers a range of tray configurations offering a maximum capacity of 60 SE-IR MKI or 120 IR SC-B MKI trays when using a double stack configuration.

A maximum of 30 SE-IR MKII or 60 IR SC-B MKII trays can be fitted in to the UFC using the single stack configuration (double stack configuration is not available when using MKII trays). The UFC closure can be supplied with splice trays offering either 3A or ANT splice bridges.

The position of the mounting system allows easy access for the routing of the fibre on to the trays and provides space for the storage of fibre loops. The trays and fibre optic routing module are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system. Fibre slot retaining blocks guide fibre elements in to the IR system, the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre and the fibre slot retaining block and tray retaining clips are coloured red to aid in identification if they are dropped.
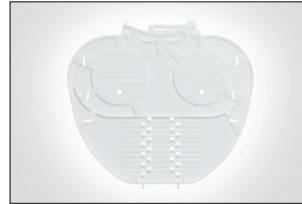
HellermannTyton Further information at **www.htdata.co.uk**

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UFC Integrated Routing Closure continued.

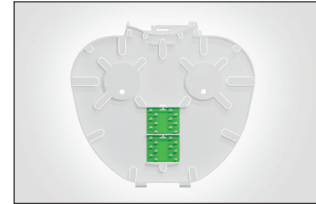### B - C Length Splice Tray Options

Supplied with IR Single Element SE MKII or SC-B MKII

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- Splice positions at the front of the tray
- 2 fibre entry ports
- SC-B MKII
  - Moulded splice holder fins for heatshrink (3A) splice protectors
  - Maximum splice capacity of 12 fibres
- SE-IR MKII
  - 2 mounting positions for splice inserts fitted (shown with 3A inserts)
  - Maximum splice capacity of 24 fibres (double stacked)
  - Optical splitter accommodation up to 60 x 7 x 4mm

SC-B MKII Fibre Splice Tray with moulded splice holder fins (front view).

SE-IR MKII Fibre Splice Tray with 2 x 3A Splice bridges (front view).

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
UFCIR-BXXCMX	275	310	549	30	SE-IR MKII	12	3A	None	857-02030
UFCIR-BXBCMX								Medium	857-02033
UFCIR-CXXCMX			749			30		None	857-02032
UFCIR-CXBCMX								Large	857-02035
UFCIR-BXXCXP			549		SC-B MKII	24		None	857-02165
UFCIR-BXBCXP								Medium	857-02166
UFCIR-CXXCXP			749			60		None	857-02167
UFCIR-CXBCXP								Large	857-02168

All dimensions in mm. Subject to technical changes. Other tray configurations are available on request.
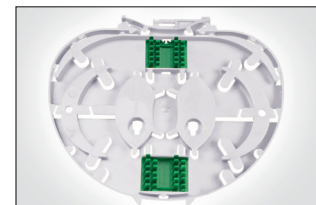
Supplied with IR Single Element SE MKI or SC-B MKI

Features and benefits

- Positive fibre management minimum bend radius 30mm
- Splice positions at the front and rear of the tray
- 2 fibre entry ports
- SC-B MKI
  - Moulded splice holder fins for heatshrink (3A) or Crimp (ANT) splice protectors
  - Maximum splice capacity of 12 fibres
- SE-IR MKI
  - 2 mounting positions for splice inserts (shown with 3A inserts)
  - Maximum splice capacity 24 fibres (double stacked)
  - Optical splitter accommodation up to 60 x 7 x 4mm

SC-B MKI Fibre Splice Trays with moulded 3A Splice holder fins (front view).

SE-IR MKI Fibre Splice Trays with 2 x 3A Splice bridges (front view).

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
UFCIR-BXXCWX	275		549		SE-IR MKI	12	3A	None	857-00522
UFCIR-BXBCWX								Medium	857-00525
UFCIR-BXDCWX						24		None	857-00528
UFCIR-CXXCWX			749			30		None	857-00531
UFCIR-CXBCWX								Large	857-00534
UFCIR-CXDCWX						60		None	857-00537
UFCIR-BXXHXN		310	549	30	SC-B MKI	24		None	857-00889
UFCIR-BXBHXN								Medium	857-00886
UFCIR-BXDHXN						48		None	857-00892
UFCIR-CXXHXN			749			60		None	857-00891
UFCIR-CXBHXN								Large	857-00888
UFCIR-CXDHXN						120		None	857-00894

All dimensions in mm. Subject to technical changes. Other tray configurations are available on request.

UFC Tubed Closure

A - C Length

The UFC fibre splice closure is the largest fibre splice closure from HellermannTyton. With a large number of ports for larger fibre cables, the UFC is suited to all FTTX, backhaul and trunk applications.

Features and benefits

- Maximum splice capacity up to 864 fibres when using NZDF SE-A trays (C Length Double Stack)
- 28 round ports and 2 oval ports
- Accommodates Hellipse NZDF SE-A or SMF SE-A trays
- Maximum 24 splices per tray without double stacking (SMF SE-A trays)
- Splitter accommodation
- 3A and ANT splice options available
- Cablelok compatible for all port sizes
- Quick release cover
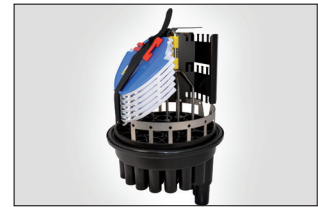- Optional flash test valve and/or grounding feed-through
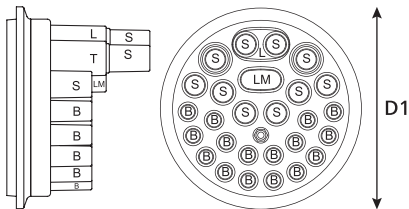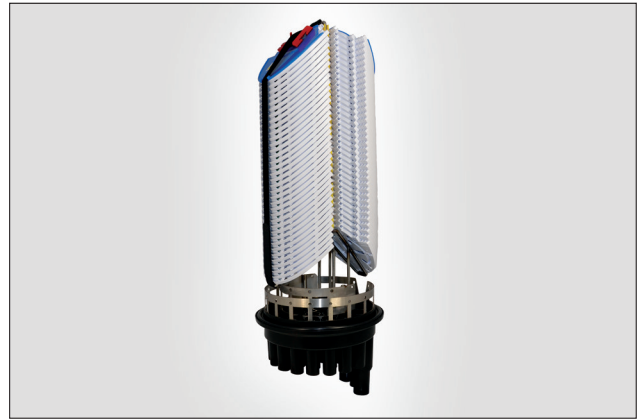
UFC C-Length Double Stack Closure.
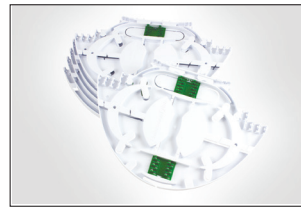
Hellipse NZDF SE-A Fibre Splice Trays

UFC A-Length Closure with basket.

UFC Base Configuration

Technical Description

The UFC closure is available in a range of lengths with either a Cablelok (Polypropylene) or Heatshrink (Flame Retardant Polypropylene) base. The base configuration of 28 round ports and 2 oval ports covers a cable diameter range of 4.0 – 29.0mm when using Cablelok mechanical seals and 6.0 – 35.0mm when using heatshrink.

The mounting and support system is manufactured from Grade 304 stainless steel and can accommodate up to 72 Hellipse NZDF SE-A or SMF SE-A trays giving a maximum of 864 fibre splices based on 12 fibres per tray (when using Hellipse NZDF SE-A trays). The UFC closure can be supplied with splice trays offering either 3A or ANT splice bridges. The tubed closure and position of the mounting system allows for ease of access and traceability of the fibre on to the trays. The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and on to the trays.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
UFCTB-AXXHD11	275	310	400	30	Hellipse NZDF SE-A	6	3A	None	857-00691
UFCTB-AXBHD11								Small	857-00692
UFCTB-CXXHD61			749			36		None	857-00753
UFCTB-CXBHD61								Large	857-00754
UFCTB-CXDHDC1						72		None	857-00762

All dimensions in mm. Subject to technical changes. Other tray configurations are available on request.
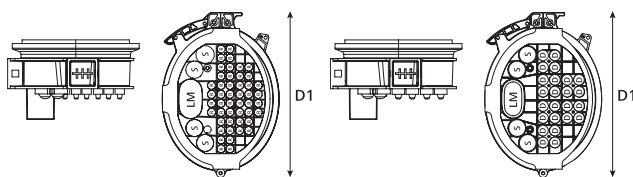
FDN-IR 29 and 53 Port Closures

A - C Length

The FDN fibre splice closure delivers fibre to individual buildings or properties. The FDN is an oval shaped fibre closure with a high drop count making it the ideal solution for built up areas where there are multiple buildings to service.

NEW!

FDN IR 53 Port C-Length Closure with basket.

Features and benefits

- Maximum 432 when using SE MKII trays (C Length)
- 52 or 28 round ports and 1 oval port
- Positive fibre management to ensure consistent 30mm bend radii throughout
- Fibre storage basket for loop through applications
- Bi-directional fibre routing

- Accommodates SC, SC-B and SE trays
- 3A and ANT splice options
- Maximum 12 splices per tray (without double stacking)
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional pressure release valve

SE-IR MKII Fibre Splice Tray with 2 x 3A Splice bridges (front view).

FDN IR 29 Port A-Length Closure with basket.

FDN 53 Port Base Configuration

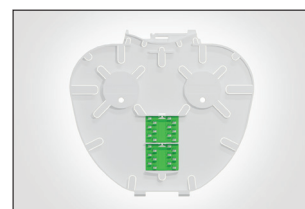*FDN 29 Port Base Configuration*

Technical Description

The FDN 29 and 53 Port Integrated Routing (IR) closures are supplied with a Polypropylene base. With base configurations of either 52 round ports and 1 oval port or 28 round ports and 1 oval port, the FDN accommodates a cable diameter range of 1.7mm – 20.0mm when using Cablelok mechanical seals.
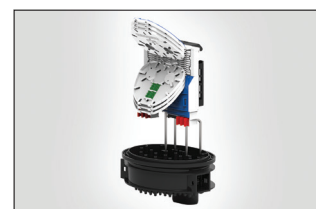
The mounting system is manufactured from Grade 304 stainless steel and the backplane is an aluminium extrusion which is suitable for use with both the MKI and MKII trays and can accommodate up to 36 IR SE trays or 72 IR SC/SC-B trays or a combination of SE, SC and SC-B trays. The FDN closure can be supplied with splice trays offering either 3A or ANT splice bridges.

The position of the mounting system allows easy access for the routing of the fibre on to the trays and the basket provides space for the storage of fibre loops. The trays and fibre optic routing module are white which makes it easy to see the colour of the fibre elements as they routed through the positive fibre management system. Fibre slot retaining blocks guide fibre elements in to the IR system, the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre, the fibre slot retaining block and tray clips are coloured red to aid in identification if they are dropped.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
FDNIR-AXXBMX			455	53	SE-IR MKII	6	3A	None	857-02169
FDNIR-AXBBMX								Small	857-02170
FDNIR-AXXDMX				29				None	857-02171
FDNIR-AXBDMX	312	222						Small	857-02172
FDNIR-CXXBMX			789	53		36		None	857-02173
FDNIR-CXBBMX								Large	857-02174
FDNIR-CXXDMX				29				None	857-02175
FDNIR-CXBDMX								Large	857-02176

All dimensions in mm. Subject to technical changes. Other tray configurations are available on request.

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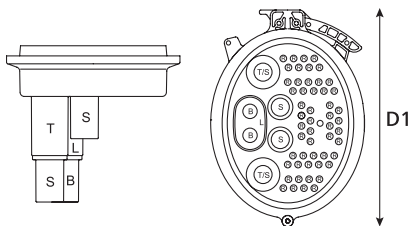*Scan with your smart phone*

FDN-IR 16 and 59 Port Closures
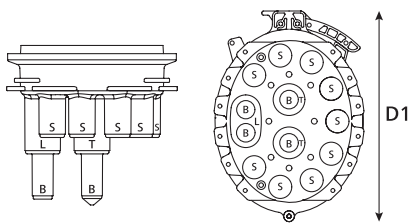
A - C Length

The FDN fibre splice closure delivers fibre to individual buildings or properties. The FDN is an oval shaped fibre closure with a high drop count making it the ideal solution for built up areas where there are multiple buildings to service.

Features and benefits

- Maximum fibre splice capacity
  - 432 when using SE MKII trays (C Length)
  - 864 when using SC-B tray (C Length)
- 58 or15 round ports and 1 oval port
- Positive fibre management to ensure consistent 30mm minimum fibre bend radii throughout
- Fibre storage basket for loop through applications

- Bi-directional fibre routing
- Accommodates SC, SC-B, SE trays
- 3A and ANT splice options available
- Maximum 12 splices per tray (without double stacking)
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional pressure release valve

NEW!

FDN IR 16 Port C-Length and A-Length Closures with basket and SE-IR MKII fibre splice trays.

FDN IR 59 Port C-Length and A-Length Closures with basket and SC-B fibre splice trays.

FDN 59 Port Base Configuration

FDN 16 Port Base Configuration

Technical Description

The FDN 16 and 59 Port Integrated Routing (IR) closures are supplied with a Polypropylene base. With base configurations of either 58 round ports and 1 oval port or 15 round ports and 1 oval port, the FDN accommodates a cable diameter range of 1.7 – 29.0mm when using Cablelok mechanical seals and 6.0 – 35.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and the backplane is an aluminium extrusions which is suitable for use with MKI and MKII trays. The closure can accommodate up to 36 SE-IR trays or 72 SC/SC-B trays or a combination of SE,SC and SC-B trays. The FDN closure can be supplied with splice trays offering either 3A or ANT splice bridges.

The position of the mounting system allows easy access for the routing of the fibre on to the trays and the basket provides storage space for the storage of fibre loops. The trays and fibre optic routing module are white which makes it easy to see the colour of the fibre elements as they are routed through the positive fibre management system. Fibre slot retaining blocks guide fibre elements in to the IR system, the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover plates are coloured blue identifying them as removable parts allowing access to the fibre, the fibre slot retaining block and tray retaining clips are coloured red to aid in identification if they are dropped.
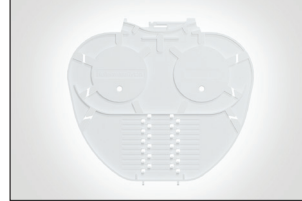
HellermannTyton   Further information at **www.htdata.co.uk**

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FDN-IR 16 and 59 Port Closures
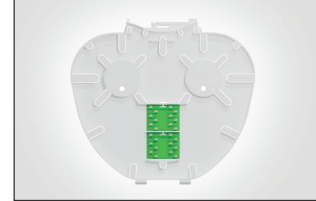
A - C Length Splice Tray Options

Supplied with IR Single Element SE MKII or SC-B MKII

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- Splice positions at the front of the tray
- 2 fibre entry ports
- SC-B MKII
  - Moulded splice holder fins for heatshrink (3A) splice protectors
  - Maximum splice capacity of 12 fibres
- SE-IR MKII
  - 2 mounting positions for splice inserts (shown with 3A inserts)
  - Maximum splice capacity of 24 fibres (double stacked)
  - Optical splitter accommodation up to 60 x 7 x 4mm

SC-B MKII Fibre Splice Tray with moulded splice holder fins (front view).

SE-IR MKII Fibre Splice Tray with 2 x 3A Splice bridges (front view).

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
FDNIR-AXXAMX	312	222	455	16	SE-IR MKII	6	3A	None	857-02044
FDNIR-AXBAMX								Small	857-02048
FDNIR-AXXCMX				59				None	857-02036
FDNIR-AXBCMX								Small	857-02040
FDNIR-CXXAMX			789	16		36		None	857-02047
FDNIR-CXBAMX								Large	857-02051
FDNIR-CXXCMX				59				None	857-02039
FDNIR-CXBCMX								Large	857-02043
FDNIR-AXXAXP			455	16	SC-B MKII	12		None	857-02185
FDNIR-AXBAXP								Small	857-02189
FDNIR-AXXCXP				59				None	857-02177
FDNIR-AXBCXP								Small	857-02181
FDNIR-CXXAXP			789	16		72		None	857-02188
FDNIR-CXBAXP								Large	857-02192
FDNIR-CXXCXP				59				None	857-02180
FDNIR-CXBCXP								Large	857-02184

All dimensions in mm. Subject to technical changes.

FDN-IR 16 and 59 Port Closures continued.

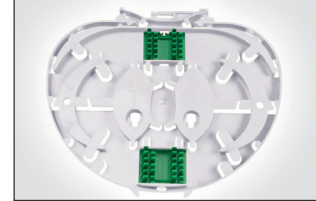### A - C Length Splice Tray Options

Supplied with IR Single Element SE MKI or SC-B MKI

Features and benefits

- Positive fibre management minimum bend radius 30mm
- Splice positions at the front and rear of the tray
- 2 fibre entry ports
- SC-B MKI
  - Moulded splice holder fins for heatshrink (3A) or Crimp (ANT) splice protectors
  - Maximum splice capacity of 12 fibres
- SE-IR MKI
  - 2 mounting positions for splice inserts (shown with 3A inserts)
  - Maximum splice capacity 24 fibres (double stacked)
  - Optical splitter accommodation up to 60 x 7 x 4mm

SC-B MKI Fibre Splice Trays with moulded 3A Splice holder fins (front view).

SE-IR MKI Fibre Splice Trays with 2 x 3A Splice bridges (front view).

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
FDNIR-AXXAWX	312	222	455	16	SE-IR MKI	6	3A	None	857-01012
FDNIR-AXBAWX								Small	857-01008
FDNIR-AXXCWX				59				None	857-00488
FDNIR-AXBCWX								Small	857-00491
FDNIR-CXXAWX			789	16		36		None	857-00988
FDNIR-CXBAWX								Large	857-00984
FDNIR-CXXCWX				59				None	857-00506
FDNIR-CXBCWX								Large	857-00509
FDNIR-AXXAXN			455	16	SC-B MKI	12		None	857-01014
FDNIR-AXBAXN								Small	857-01010
FDNIR-AXXCXN				59				None	857-00899
FDNIR-AXBCXN								Small	857-00895
FDNIR-CXXAXN			789	16		72		None	857-00990
FDNIR-CXBAXN								Large	857-00986
FDNIR-CXXCXN				59				None	857-00902
FDNIR-CXBCXN								Large	857-00898

All dimensions in mm. Subject to technical changes.

FDN 16 and 59 Port Tubed Closures

A - C Length

The FDN fibre splice closure delivers fibre to individual buildings or properties. The FDN is an oval shaped fibre closure with a high drop count making it the ideal solution for built up areas where there are multiple buildings to service.

Features and benefits

- Maximum 864 fibre splice capacity when using SMF SE-A trays (C Length)
- 58 or 15 round ports and 1 oval port
- Fibre storage basket for loop through applications (where specified)
- Accommodates Hellipse NZDF SE-A and SMF SE-A trays
- Maximum 24 splices per tray without double stacking (SMF SE-A trays)

- 3A and ANT splice options available
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
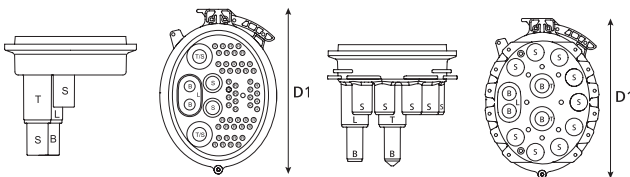- Optional flash test valve and/or grounding feed-through
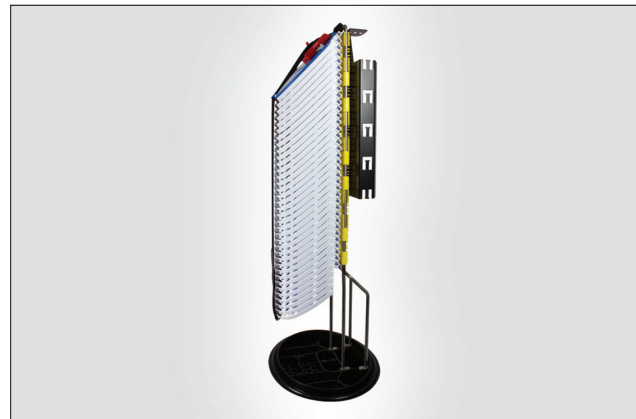
FDN 59 Port C-Length Closure with basket.

Hellipse NZDF SE-A Fibre Splice Trays
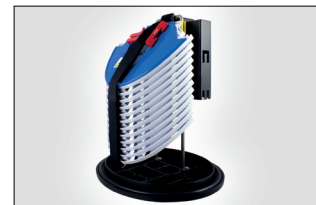
FDN A-Length Closure with basket.

FDN 59 Port Base Configuration

FDN 16 Port Base Configuration

Technical Description

The FDN 16 and 59 Port closures are supplied with a Polypropylene base. With base configurations of either 58 round ports and 1 oval port or 15 round ports and 1 oval port, the FDN accommodates a cable diameter range of 1.7 – 29.0mm when using Cablelok mechanical seals and 6.0 – 35.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and can accommodate up to 36 Hellipse NZDF SE-A or SMF SE-A trays giving a maximum of 864 fibre splices based on 24 fibres per tray (when using Hellipse SMF SE-A trays). The FDN closure can be supplied with splice trays offering either 3A or ANT splice bridges.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre on to the trays and the basket provides storage space for the storage of fibre loops. The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
FDNTB-AXXAD21	312	222	455	16	Hellipse NZDF SE-A	12	3A	None	857-01037
FDNTB-AXBAD21								Small	857-01034
FDNTB-AXXCD21				59				None	857-00640
FDNTB-AXBCD21								Small	857-00641
FDNTB-CXXA61			789	16		36		None	857-01019
FDNTB-CXBAD61								Large	857-01016
FDNTB-CXXCD61				59				None	857-00662
FDNTB-CXBCD61								Large	857-00663

All dimensions in mm. Subject to technical changes.
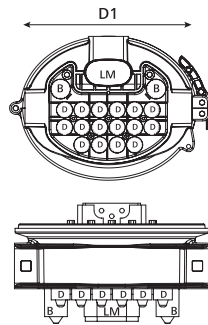
CFN-IR Compact Fibre Node Closures

19 and 27 Port

The CFN fibre splice closure range offers a closure for a wide range of FTTx applications for both P2P and P2MP topologies.

NEW!

CFN IR 19 Port M-Length Closure with basket.

Features and benefits

- Maximum 144 fibre splice capacity (M length)
- 26 or 18 round ports and 1 oval port
- Positive fibre management to ensure consistent 30mm bend radii throughout
- Fibre storage basket for loop through applications
- Bi-directional routing
- Accommodates a maximum of 12 CFN SE trays

- Off tray PLC splitter accommodation
- Cablelok compatible for all port sizes
- Quick Release cover
- Integrated closure mounting points for MOBRA, pole and facade fixing
- Optional pressure release valve/cable location/toning point

CFN IR 27 Port S-Length Closure with basket.

CFN IR 19 Port S-Length Closure with lid.
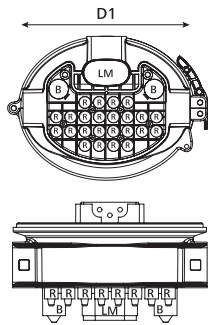
CFN R Port Base Configuration

CFN D Port Base Configuration

Compact SE Splice Tray.

Technical Description

The CFN 19 and 27 Port Integrated Routing (IR) closures are supplied with a UV stable Polypropylene base. With base configurations of either 26 round ports and 1 oval port or 18 round ports and 1 oval port, the CFN accommodates a cable diameter range of 1.7 - 20.0mm when using mechanical cablelok seals.

The IR Fibre Management System (FMS) accommodates a maximum of 12 compact SE single element splice trays in the M length closure and 6 in the S length closure. The trays can be fitted with a range of fibre splice bridges including 3A and ANT.

The position of the FMS allows unrestricted access to the cable entry ports, each of which has the option of integrated cable anchoring. The loop storage basket is situated directly above the oval cable port enabling efficient routing to it and the fibre splice trays via the modular

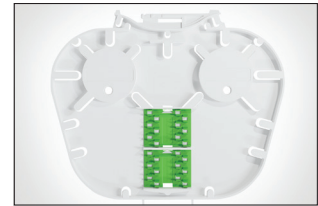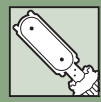IR FMS. The splice trays and the fibre optic routing modules are white in colour making it easy to clearly identify the individual fibre colours as they are routed through the positive fibre management system. The fibre entry block has dedicated PLC splitter accommodation for a maximum of 2 x 250µm bare end PLC splitters and fibre management for fibre direction changes and storage of excess fibre. Fibre slot retaining blocks guide the fibre elements in to the IR system, the foam pad on the retainer is partially cut through to accommodate a range of fibre counts.

All IR system cover parts are coloured blue identifying them as removable parts allowing access to the fibre. The fibre slot retaining clips are coloured red to aid in identification if they are dropped.

TYPE	Width D1	Width D2	Length L	Port Count	Tray Type	Tray Quantity	Splice Protector Type	Basket Size	Article-No.
CFNIRS-SXBDWX	250	180	335	19	Compact SE	6	3A	Small	857-02141
CFNIRS-SXBBWX				27					857-02142
CFNIRS-MXBDWX			410	19		12		Medium	857-02143
CFNIRS-MXBBWX				27					857-02144

All dimensions in mm. Subject to technical changes.

HellermannTyton Further information at **www.htdata.co.uk**

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View 3D Model
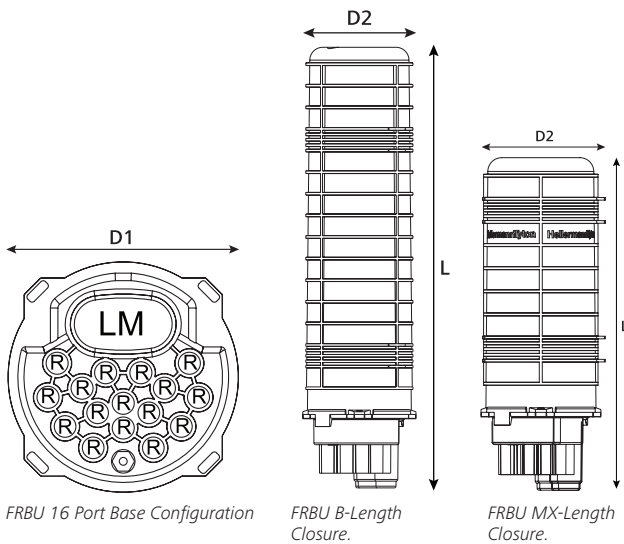*Scan with your smart phone*

FRBU 16 Port Closures

MX and B Length

The FRBU fibre splice closure distributes fibre directly to individual buildings or properties. The FRBU is a smaller fibre closure from HellermannTyton that is often deployed in rural and less built up locations with fewer buildings to connect.

NEW!

Features and benefits

- Maximum 144 fibre splice capacity
- 16 round ports and 1 oval port
- 2 Cover Length options
- Fibre storage basket for loop through applications
- Maximum 6 Hellapon Medium trays

- Maximum 24 splices per tray (double stacked)
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional flash test valve and/or grounding feed-through

FRBU B-Length 16 Port Closure with 3 Medium Hellapon Trays and Basket.

FRBU B-Length 16 Port Closure with 6 Medium Hellapon Trays.

FRBU MX-Length 16 Port Closure with 3 Small Hellapon Trays and Basket.

FRBU 16 Port Base Configuration

FRBU B-Length Closure.

FRBU MX-Length Closure.

Technical Description

The FRBU 16 Port closure offers two cover lengths and is supplied with a Polypropylene base. The 16 port base configuration has 16 round ports and 1 oval port which accommodates a cable diameter range of 1.7 – 9.5mm (R Ports) and 4.0 – 15.0mm (LM port) when using Cablelok mechanical seals.

With a range of mounting systems, manufactured from Grade 304 stainless steel, the closure can accommodate a maximum of 6 Hellapon Medium trays giving a maximum of 144 fibre splices based on 24 fibres per tray or 3 Hellapon Medium/Hellapon Small trays with a loop storage basket. The loop storage basket provides storage space for fibre loops within the closure and is situated directly above the oval cable port enabling efficient routing to it and the fibre splice trays.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre on to the trays. The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and on to the trays.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Max. Splice Capacity	Basket Size	Article-No.
FRBTB-BXXSB61	130	130	505	17	Hellapon Medium	6	3A	144	None	857-02059
FRBTB-BXXSC61										857-02060
FRBTB-BXBSB31						3		72	Medium	857-02061
FRBTB-BXBSC31										857-02062
FRBTB-MXBSA31			360		Hellapon Small				Small	857-02063
FRBTB-MXBSA21						2		48		857-02064
FRBTB-MXBSA11						1		24		857-02065

All dimensions in mm. Subject to technical changes.

SEE ME IN 3D

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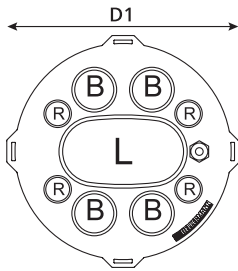*Scan with your smart phone*
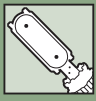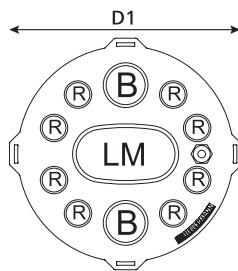
FRBU 9 and 11 Port Closures

B Length

The FRBU fibre splice closure distributes fibre directly to individual buildings or properties. The FRBU is a smaller fibre closure from HellermannTyton that is often deployed in rural and less built up locations with fewer buildings to connect.

Features and benefits

- Maximum 144 fibre splice capacity
- 10 or 8 round ports and 1 oval port
- Accommodates Hellapon Medium stacked or side hinged trays
- Fibre storage basket for loop through applications (Hellapon Medium side hinged 3 tray version only)
- Maximum 24 splices per tray (double stacked)
- 3A and ANT splice options available
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover
- Optional flash test valve and/or grounding feed-through

FRBU B-Length 11 Port Closure with 6 Medium Hellapon Trays.

FRBU B-Length 11 Port Closure with 3 Medium Hellapon Trays and Basket.

FRBU 9 Port Base Configuration

FRBU 11 Port Base Configuration

Technical Description

The FRBU B Length closure is supplied with a Polypropylene base. With base configurations of either 10 round and 1 oval port or 8 round and 1 oval port. The 9 Port FRBU accommodates a cable diameter of 1.7 - 20.0mm when using Cablelok mechanical seals and 6.0 - 24.0mm when using heatshrink. The 11 Port configuration accommodates a cable diameter of 1.7 - 16.5mm when using Cablelok mechanical seals and 6.0 - 22.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and can accommodate a maximum of 6 Hellapon Medium stacked or side hinged trays or 3 Hellapon Medium side hinged trays and basket,

giving a maximum of 144 fibre splices based on 24 fibres per tray. The FRBU closure can be supplied with splice trays offering either 3A or ANT splice bridges. The fibre basket provides storage space for the storage of fibre loops within the closure.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre on to the trays.

The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and on to the trays.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Max. Splice Capacity	Basket Size	Article-No.
FRBTB-BXXNC2X	130	130	505	9	Hellapon Medium	2	3A	48	None	857-00632
FRBTB-BXBNC3X						3		72	Medium	857-00635
FRBTB-BXXNC4X						4		96	None	857-00633
FRBTB-BXXNC6X						6		144	None	857-00634
FRBTB-BXXEC2X				11		2		48	None	857-00624
FRBTB-BXBEC3X						3		72	Medium	857-00627
FRBTB-BXXEC4X						4		96	None	857-00625
FRBTB-BXXEC6X						6		144	None	857-00626

All dimensions in mm. Subject to technical changes.

HellermannTyton   Further information at **www.htdata.co.uk**

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*Scan with your smart phone*

FST 4 and 13 Port Closures

A Length

The FST fibre splice closure distributes fibre directly to individual buildings or properties. The FST is HellermannTyton's smallest fibre closures that is often deployed in rural and less built up locations with fewer buildings to connect.

Features and benefits

- Maximum 36 fibre splice capacity
- 12 or 3 round ports and 1 oval port
- Accommodates Hellapon Small trays
- Fibre storage basket for loop through applications (Hellapon Small 1 tray version only)
- Maximum 12 splices per tray
- 3A and ANT splice options available
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover

FST 13 Port Closure with 1 Small Hellapon Tray and basket.

FST 4 Port Closure with 2 Small Hellapon Tray.
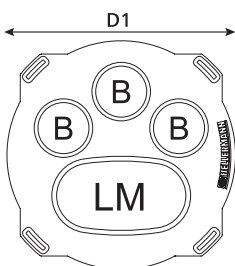
FST 4 Port Base Configuration
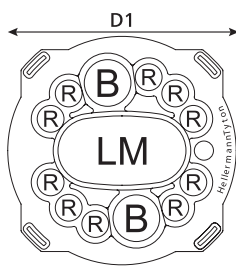
FST 13 Port Base Configuration

Technical Description

The FST closure is supplied with a Polypropylene base. With base configurations of either 12 or 3 round ports and 1 oval port, the FST accommodates a cable diameter range of 1.7 – 16.5mm when using Cablelok mechanical seals and 6.0 – 22.0mm when using heatshrink (4 port only).

The mounting system is manufactured from Grade 304 stainless steel and can accommodate a maximum of 3 Hellapon Small trays or 1 Hellapon Small tray and basket, giving a maximum of 36 fibre splices

based on 12 splices per tray. The FST closure can be supplied with splice trays offering either 3A or ANT splice bridges. The fibre basket provides space for the storage of fibre loops within the closure.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre on to the trays.

The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and on to the trays.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Max. Splice Capacity	Basket Size	Article-No.
FSTTB-AXBFA11	110	110	310	4	Hellapon Small	1	3A	12	Small	857-00616
FSTTB-AXXFA21						2		24	None	857-00615
FSTTB-AXBTA11				13		1		12	Small	857-00618
FSTTB-AXXTA21						2		24	None	857-00617
FSTTB-AXXTA31						3		36	None	857-00619

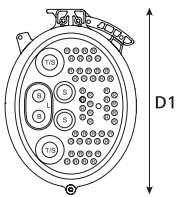All dimensions in mm. Subject to technical changes.

Connectorised Closures - Integrated Routing

FDN-IR Closure

The FDN IR connectorised closures are available configured with splice trays, a selection of fibre connector options and pre-connectorised splitters. This allows for the quick connection or disconnection of circuits using pre-configured fibre pigtails or field terminated connectors used in a SDU network.

Features and benefits

- 48 or 32 LC/APC Connections
- Supplied with bare end to LC/APC PLC splitters
- Maximum splice capacity 134 (double stacked)
- 58 round ports and 1 oval port
- Positive fibre management to ensure consistent 30mm bend radii throughout
- Fibre storage basket for loop

- through applications
- Bi-directional fibre routing
- Fitted with SE-IR trays (maximum 24 splices per tray)
- Cablelok compatible for all ports
- Quick release cover
- Optional flash test valve and/or grounding feed-through

FDN IR AB-Length Connectorised Closure.

SE-IR MKI Fibre Splice Trays with 2 x 3A Splice bridges (front view).

FDN IR AB-Length Connectorised Closure (side view).
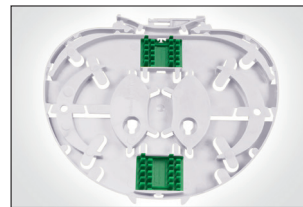

FDN 59 Port Base Configuration

Technical Description

The FDN IR AB length connectorised closure is supplied with a loop storage basket and Polypropylene base. The base configuration is 58 round ports and 1 oval port for loop through applications with a cable range of 1.7mm to 29mm when using Cablelok mechanical seals or 6mm to 35mm when using heatshrink.

The mounting system is manufactured from powder coated Grade 304 stainless steel and can accommodate a maximum of 6 SE-IR trays.
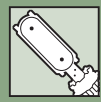
Supplied with either 6 x 1:8 or 2 x 1:16 Bare End to LC/APC pre-connectorised PLC splitters and fitted with LC/APC adaptors mounted in the connector plate providing either 48 or 32 LC/APC drops.

The connectorised closure and the position of the mounting system allows for easy access for the routing of fibre on to the trays and the basket is positioned at the front of on the IR mounting system to provide storage for fibre loops.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splitter (Bare End to LC-APC)	Splitter Quantity	Connector Type	Article-No.
FDNIR-ABBCWX-CT48-0384	312	222	561	59	SE-IR MKI	6	1:8	6	LC-APC	857-01678
FDNIR-ABBCWX-CT32-0385							1:16	2		857-01679

All dimensions in mm. Subject to technical changes.

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View 3D Model
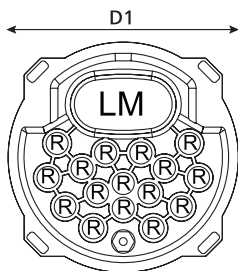*Scan with your smart phone*

Connectorised Closures - Tubed

FRBU 16 Port Closure

The FRBU is a smaller tubed connectorised closure, available configured with splice trays, a selection of fibre connector options and pre-connectorised splitters. This allows for the quick connection or disconnection of circuits using pre-configured fibre pigtails or field terminated connectors used in a SDU network.

NEW!

FRBU 16 Port M-Length Closure with 2 Hellapon Small Trays and Basket.

Features and benefits

- 16 LC/APC Connections
- Supplied with bare end to LC/APC PLC splitters
- Maximum 24 splice capacity
- 16 round ports and 1 oval port
- Fibre storage basket for mid-span applications
- Fitted with 2 x Hellapon Small trays
- Positive fibre management to ensure consistent 30mm bend radius throughout
- Cablelok compatible for all port sizes
- Quick release cover
- Optional flash test and/or grounding feed-through

View of 4 x LC Quad Adaptors.

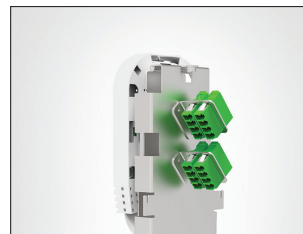*Rear view.*

FRBU 16 Port Base Configuration

Technical Description

The FRBU 16 Port Connectorised closure is an IP68/IK09 sealed dome closure manufactured from UV stable polypropylene and meets the environmental and optical performance requirements of the European and International standards for sealed dome closures. The Cablelok base has 16 Cablelok R ports allowing for cables or ducts up to 9.5mm to be mechanically sealed to the base as well as an LM Cablelok oval port for mid-span cable deployments in both aerial and subterranean locations.

The mounting system is manufactured from Grade 304 stainless steel and is supplied with 2 Hellapon Small splice trays which house 2 x 1:8 bare end to LC/APC PLC splitters. An integral adaptor mounting plate

which manages 4 LC Quad Adaptors and a loop storage basket is fitted between the trays and the adaptor plate providing storage for excess fibre for mid-span applications. A removable connector shield is fitted to the back of the mounting support to provide additional protection to the connections once they have been installed. In-base features for closure mounting on poles, building facades or inside underground chambers enable the cover to be removed whilst the closure is still mounted allowing in-situ installation or maintenance.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Adaptor Type	Article-No.
FRBCT-MXXSA21-M4	130	130	360	16	Hellapon Small	2	3A	LC-APC	857-02275

All dimensions in mm. Subject to technical changes.

Connectorised Closures - Tubed

FDN and FRBU Closures

A range of connectorised closures are available configured with splice trays, a selection of fibre connector options and pre-connectorised splitters. This allows for the quick connection or disconnection of circuits using pre-configured fibre pigtails or field terminated connectors used in a FTTH network.

Features and benefits

- Maximum 180 fibre splice capacity
- FDN 59 Port - 58 round ports and 1 oval port
- FRBU 11 port - 10 round ports and 1 oval port
- Offers LC or SC connections
- Splitter accommodation

- Cablelok compatible for all port sizes
- Quick release cover
- Optional flash test valve and/or grounding feed-through
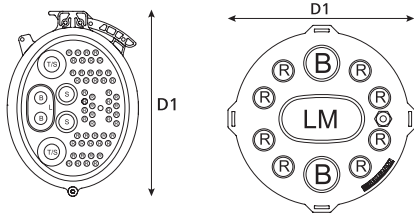
FDN 59 Port Connectorised Closure.

FRBU 11 Port B-Length Connectorised Closure.

FDN 59 Port Base Configuration

FRBU 11 Port Base Configuration

Technical Description

HellermannTyton offer a range of connectorised solutions in the FDN and FRBU fibre splice closures. The closures are supplied with a Polypropylene base and the mounting system is manufactured from Grade 304 stainless steel.

The connectorised closures and the position of the mounting systems allow for ease of access and traceability of the fibre on to the trays. The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and in to the trays.

TYPE	Width D1	Width D2	Length L	Port count	Tray Type	Tray Quantity	Splice Protector Type	Connector Type	Article-No.
FRBCT-BXXEC2X-TF	130	130	505	11	Hellapon Medium	2	3A	SC-APC	857-00910
FRBCT-BXXEC3X-TF						3			857-00961
FDNCT-ABBCDW1-LJ	312	222	561	59	Hellipse NZDF SE-A	15		LC	857-00795
FDNCT-ABBCDW1-AJ								LC-APC	857-00797
FDNCT-ABBCDW1-SJ								SC	857-00799
FDNCT-ABBCDW1-TJ								SC-APC	857-00801

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Element SE MKI

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- 2 mounting positions for splice inserts
- Option for optical splitter/3A or ANT splice bridge
- Optical splitter accommodation up to a maximum of 60 x 7 x 4mm
- Maximum splice capacity of 24 fibres (double stacked)
- Different splice bridge options allow for a splice type of up to 60mm

Single Element IR Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 148 x 125 x 7mm. The IR single element tray accepts a wide range of splice protector inserts and the maximum splice capacity of the tray is based on 24 double stacked heatshrink (3A) splice protectors up to 60mm long.

The IR single element tray can accommodate 2 x 60 x 7 x 4mm optical splitters when using the optional splitter/3A or ANT splice bridge. The IR single element tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-IR-2X3A-06	SE-IR MKI	3A	6	White (WH)	857-40257
TRAY-SE-IR-BK-2X3A-06				Black (BK)	857-40487
TRAY-SE-IR-BL-2X3A-06				Blue (BU)	857-40504
TRAY-SE-IR-GN-2X3A-06				Green (GN)	857-40507
TRAY-SE-IR-RD-2X3A-06				Red (RD)	857-40506
TRAY-SE-IR-YL-2X3A-06				Yellow (YE)	857-40505

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Element Splitter SE-B

Features and benefits

- Positive fibre management minimum bend radius 30mm
- 2 fibre entry ports
- Supplied with either heatshrink (3A) and splitter/3A bridge inserts or ANT and splitter/ANT bridge inserts
- Black tray colour provides high contrast to standard fibre management trays
- Maximum splice capacity of 14 fibres (heatshrink/3A)

IR SE-B Tray with Splitter and 3A splice holders.

Technical Description

The Integrated Routing (IR) single element splitter tray is manufactured from black ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 148 x 125 x 7mm. The IR single element splitter tray is supplied with an optical splitter/3A or ANT splice bridge at the front, which will accommodate 2 x 60 x 7 x 4mm optical splitters, and a 3A heatshrink (3A) / ANT bridge at the rear. The maximum splice capacity of the tray is 14 fibres based on 14 double stacked heatshrink (3A) splice protectors up to 60mm long. The IR single element splitter trays is suitable for use in the UFC-IR, FDN-IR and FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-IR-SP/3A-06	SE-IR MKI	Splitter, 3A	6	White (WH)	857-40416
TRAY-SE-IR-SP/ANT-06	SE-IR MKI	Splitter, Crimp (ANT)			857-40417
TRAY-BK-SE-B-IR-SP/3A-06	SE-IR MKI/BK	Splitter, 3A		Black (BK)	857-40428
TRAY-BK-SE-B-IR-SP/ANT-06	SE-IR MKI/BK	Splitter, Crimp (ANT)			857-40429

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Circuit SC-B MKI

Features and benefits
- Positive fibre management minimum bend radius 30mm
- 2 fibre entry ports
- Moulded splice holder fins for heatshrink (3A) or Crimp (ANT) splice protectors
- Maximum splice capacity of 12 fibres

Single Circuit IR 3A Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single circuit SC-B trays is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 148 x 125 x 3.5mm. The tray is available in two styles which accept either 3A or ANT/Crimp splice protectors.

The IR single circuit SC-B tray is suitable for use in the UFC-IR, FDN-IR and FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SC-B-IR-2X3A-12		3A	12	White (WH)	857-40335
TRAY-SC-B-IR-BK-2X3A-12		3A	12	Black (BK)	857-40498
TRAY-SC-B-IR-BL-2X3A-12	SC-B MKI	3A	12	Blue (BU)	857-40499
TRAY-SC-B-IR-GN-2X3A-12		3A	12	Green (GN)	857-40500
TRAY-SC-B-IR-RD-2X3A-12		3A	12	Red (RD)	857-40501
TRAY-SC-B-IR-YL-2X3A-12		3A	12	Yellow (YE)	857-40502

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Element SE MKII

NEW!

Features and benefits
- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- 2 mounting positions for splice inserts fitted with 3A splice holders
- Maximum splice capacity of 24 fibres (double stacked)
- Optical splitter accommodation up to 60 x 7 x 4mm

Single Element IR SE-IR MKII Coloured Splice Trays.

Technical Description

The Integrated Routing (IR) single element tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 7mm. The IR single element tray accepts a wide range of splice protector holders at the front of the tray for ease of fibre measurement and installation. The maximum splice capacity of the tray is based on 24 double stacked heatshrink (3A) splice protectors up to 60mm long. The IR single element tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SE-MKII-IR-2X3A-06				White (WH)	857-40635
TRAY-SE-MKII-IR-BK-2X3A-06				Black (BK)	857-40639
TRAY-SE-MKII-IR-BL-2X3A-06	SE-IR MKII	3A	12	Blue (BU)	857-40640
TRAY-SE-MKII-IR-GN-2X3A-06				Green (GN)	857-40641
TRAY-SE-MKII-IR-RD-2X3A-06				Red (RD)	857-40642
TRAY-SE-MKII-IR-YL-2X3A-06				Yellow (YE)	857-40643

All dimensions in mm. Subject to technical changes.

Integrated Routing Fibre Optic Splice Tray

IR Single Circuit SC-B MKII

Features and benefits

- Positive fibre management - minimum bend radius 30mm
- 2 fibre entry ports
- Moulded splice holder fins for 3A splice protectors
- Maximum splice capacity of 12 fibres

Single Circuit IR SC-B MKII Coloured Splice Trays.

NEW!

Technical Description

The Integrated Routing (IR) single circuit SC-B MKII tray is manufactured from ABS and finished to a high specification to eliminate the risk of snagging or microbends. All retaining tabs on the tray have radius edges and rounded corners where fibre may pass. The overall dimensions of the tray are 150 x 124 x 3.5mm. The IR single circuit tray moulded splice protector holders are positioned at the front of the tray for ease of fibre measurement and installation. The maximum splice capacity of the tray is based on 12 heatshrink (3A) splice protectors up to 60mm long. The IR single circuit tray is suitable for use in the UFC-IR, FDN-IR or FML-IR closures.

TYPE	Tray Type	Splice Protector Type	Tray Quantity	Colour	Article-No.
TRAY-SC-B-MKII-IR-2X3A-12	SC-B MKII	3A	12	White (WH)	857-40684
TRAY-SC-B-MKII-IR-BK-2X3A-12				Black (BK)	857-40685
TRAY-SC-B-MKII-IR-BL-2X3A-12				Blue (BU)	857-40686
TRAY-SC-B-MKII-IR-GN-2X3A-12				Green (GN)	857-40687
TRAY-SC-B-MKII-IR-RD-2X3A-12				Red (RD)	857-40688
TRAY-SC-B-MKII-IR-YL-2X3A-12				Yellow (YE)	857-40689

All dimensions in mm. Subject to technical changes.

Splice Protector Holders

Fibre Splice Tray Accessories

Features and benefits

- Used to secure different types of splice protector within the splice tray
- 8 options available for the most common applications
- Optical splitter/3A or ANT option

Technical Description

A range of Splice Protector Holders (Splice Bridges) to allow for different types of splice protectors in the tray. Inserts are suitable for use with HellermannTyton Hellipse NZDF-SE-A/SE-B, IR-SE and Hellapon Medium (Style C)/Small and Hellamass Large trays. All trays accept 2 splice protector holders excluding the Hellamass Large which accepts 12 inserts.
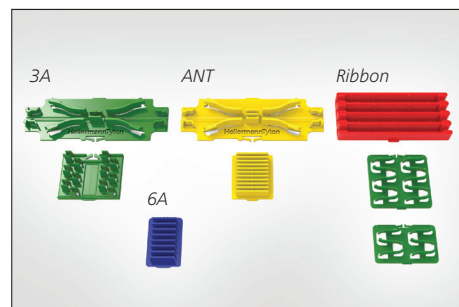
Splice Bridges

TYPE	Description		Compatible Trays	Colour	Pack Cont.	Recov. Ø d max.	Article-No.
BRIDGE-3A	Splice Protector Holder	3A	IR trays: SE-B, SE, SE MKII Tubed trays: Hellamass Large, Hellapon Medium (Style C) & Hellapon Small, Hellipse NZDF-SE-A/SE-B	Green	10	2.4	857-40298
BRIDGE-6A		6A		Blue	10	1.6	857-40299
BRIDGE-CRIMP		ANT		Yellow	10	-	857-40300
BRIDGE-MECH		RIBBON		Red	10	4.75	857-40301
BRIDGE-SP/3A	Splitter/Splice Protector Holder	3A		Green	10	2.4	857-40426
BRIDGE-SP/ANT	Splitter/Splice Protector Holder	ANT		Yellow	10	-	857-40427
BRIDGE-RIBBON-4WAY	Ribbon Splice Protector Holder	RIBBON	SE-IR MKII	Green	10	4.5x3.8	857-40705
BRIDGE-RIBBON-6WAY	Ribbon Splice Protector Holder		Multi-Ribbon Tray	Green	10	4.5x3.9	857-40706

All dimensions in mm. Subject to technical changes.
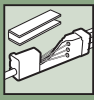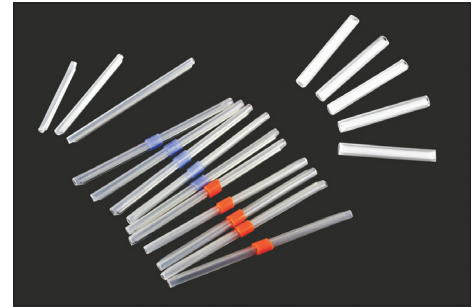
Splice Protectors

Fibre Splice Tray Accessories

Features and benefits
- Clear sleeve allows visual location of splice
- Stainless steel rod or ceramic member to provide additional support to the joint
- 3A/6A versions available
- Suitable for fibre sizes 250/900µm
- Low shrink temperature
- Coloured anti-vibration band available

Fibre Splice Protectors (assortment shown).

Technical Description

HellermannTyton's range of fibre splice protectors are specifically designed for the mechanical and environmental protection of fused fibre splices. The splice protectors consist of clear heat shrinkable tubing to allow for visual location of the splice prior to heat shrinking with a pre-installed stainless steel (3A/6A) reinforcing rod. The tubing has a wide operating range -45°C to +100°C and a full recovery temperature of 120°C.

TYPE	Splice Protector Type	Anti-Vibration Band Colour	Pack Cont.	Length (L)	Recov. Ø d max.	Article-No.
FSP 35MM	3A	-	100	35	2.4	857-40262
FSP 45MM	3A	-	100	45	2.4	857-40263
FSP 60MM	3A	-	100	60	2.4	857-40264
FSP650	3A	Blue (BU), Orange (OG)	80	35	2.4	857-40120
FSP738	3A	Blue (BU), Orange (OG)	80	45	2.4	857-40127
FSP1242	3A	Blue (BU), Orange (OG)	100	60	2.4	857-40112
FSP3563	6A	-	80	25	1.6	857-40118
FSP3564	6A	-	80	40	1.6	857-40119

All dimensions in mm. Subject to technical changes.

Cable Glands

Fibre Optic Enclosure Accessories

Features and benefits
- Cable range coverage from 5mm to 18mm
- Supplied in multiples of 5
- M25 Gland suitable for use with MDU S4 or MDU S5
- M20 Gland suitable for use with MDU S3, MDU S4 or MDU S5

Selection of M25 Cable Glands.

Technical Description

A range of M20 and M25 cable gland kits each of which contain 5 x cable glands. The cable gland is fitted in to the cable entry port which is secured to the enclosure to provide additional fibre management and support.

TYPE	Suitable for Cable Ø from/to	Pack Cont.	Description	Article-No.
CG-M20-5-9MM-05	5 - 9	5	M20 5-9mm Cable Glands	857-40525
CG-M20-6-12MM-05	6 - 12	5	M20 6-12mm Cable Glands	857-40526
CG-M20-10-14MM-05	10 - 14	5	M20 10-14mm Cable Glands	857-40527
CG-M25-9-16MM-05	9 - 16	5	M25 9-16mm Cable Glands	857-40528
CG-M25-13-18MM	13 - 18	5	M25 13-18mm Cable Glands	857-40529

All dimensions in mm. Subject to technical changes.

MDU Locks

Fibre Optic Enclosure Accessories

Features and benefits

- Polished chrome finish
- Supplied with 2 keys for MDU S3 or MDU S5
- Triangular Key option for MDU S5 only

Technical Description

A 10.5mm 4 pin radial pin tumbler lock suitable for use with the MDU S3 wall box. The lock has a polished chrome finish and is supplied with a 13mm flat cam, two keys and all fixings.

An 8mm industry standard Triangular drive (tri-drive) cam lock which is suitable for use with the MDU S5 wall box. The lock has a chrome plated finish an is supplied with 30mm flat cam and all fixings. Key supplied separately

A 20.5mm quarter turn cam lock suitable for use with the MDU S5 wall box. The lock has a chrome plated finish and is supplied with a 30mm flat cam, two keys and all fixings.

MDU S5 1/4 turn keyed lock.

MDU S3 1/4 turn keyed lock.

MDU S5 triangular key.

TYPE	Pack Cont.	Description	Article-No.
LOCK-S3-KG	1	1/4 turn keyed lock for the MDU S3.	857-40532
LOCK-S4-CAM	1	20mm Cam Lock for the MDU S4.	857-40708
LOCK-S4-UK	1	Lock unique key for the MDU S4 - 9113A.	857-40707
LOCK-S5-TTG	1	A 8mm Tri-drive Cam Lock for the MDU S5.	857-40534
LOCK-S5-KG	1	1/4 turn keyed lock for the MDU S5.	857-40533
KEY-S5-TTG	1	8mm Triangular Key for Lock-S5-TTG	857-40545

All dimensions in mm. Subject to technical changes.

MDU Anchor Kits

**Fibre Optic Enclosure Accessories**

Features and benefits

- Provides strain relief to fibre optic cables maximum diameter 13mm or fibre optic cables with solid strength members
- Simple installation
- Suitable for use with MDU S3, MDU S4 or MDU S5

Technical Description

Two anchor kits for use within the MDU S3, MDU S4 and MDU S5. Both kits are used to secure the cable and strength member inside the enclosure. Designed to ensure that no undue stress is put upon the fibre cables which may affect the optical performance.
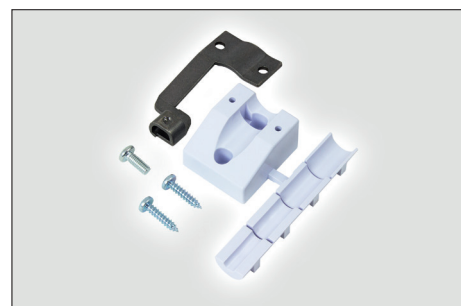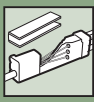

MDU S3 Anchoring Kit.

MDU S4/S5 Anchoring Kit.

TYPE	Cable Ø min.	Cable Ø max.	Pack cont.	Description	Article-No.
S3-AK-001	13	4.5	Clamp Base (Plastic) Anchor Bracket (Metal) Fixing Screws	Anchor Kits for MDU S3	857-40530
S5-AK-001	0.1	4.5	Anchor bracket (Metal) Fixing Screws	Anchor Kits for MDU S4 and MDU S5	857-40531

All dimensions in mm. Subject to technical changes.

MDU Seals

Fibre Optic Enclosure Accessories

Features and benefits

- Single seal to manage 24 x 7mm drops for MDU S4 or MDU S5
- Single seal to manage 24 x 5mm drops for MDU S3
- Loop through seal for cable diameter 3.0mm to 14.0mm
- Quick and simple to install

Technical Description

There are two different seals available for the MDU S3, MDU S4 and MDU S5. Both provide excellent cable and tube management for incoming and outgoing cables to the enclosures.

The S4 and S5 drop seal can accommodate up to 24 x 7mm drop cables/tubes, whereas the S3 drop seal can hold up to 24 x 5mm drops.

The loop through seals for both the S4/S5 and S3 can accept a cable diameter of 3.0mm through to 14.0mm, again providing an excellent seal into the enclosure while making the cable more secure.
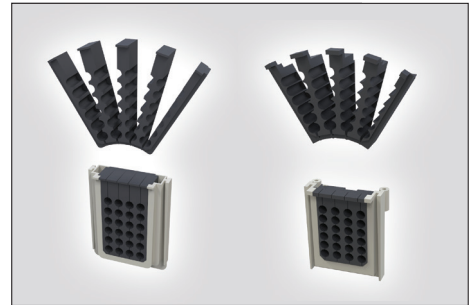
MDU S4/S5 24x7mm and MDU S3 24x5mm Multi Drop Seals.

MDU S4/S5 3-14mm Loop Through Seal.

MDU S3 3-14mm Loop Through Seal.

TYPE	Cable Ø min.	Cable Ø max.	Pack cont.	Description	Article-No.
LG-S3-3MM-14MM	14	3	Loop Gland Seal Plates, Cable Diameter Spacers and Cable Anchor Clamp	MDU S3 Loop Through Seal 3mm - 14mm	857-50232
LGS-S5-3MM-14MM	14	3	Loop Gland Seal Plates, Cable Diameter Spacers and Cable Anchor Clamp	MDU S4 and MDU S5 Loop Through Seal 3mm - 14mm	857-50233
MDS-S3-24X5MM	5	-	Drop Gland Seal Plate and Multi Drop Seal	MDU S3 Drop Seal 24 x 5mm	857-50234
MDS-S5-24X7MM	7	-	Drop Gland Seal Plates and Multi Drop Seal	MDU S4 and MDU S5 Drop Seal 24 x 7mm	857-50235
MDSLP-S3-24X5MM*	5	-	Drop Gland Seal Plates, Multi Drop Seal and Lock Fixing Plate	MDU S3 Drop Seal 24 x 5mm + Lock Plate	857-50236

All dimensions in mm. Subject to technical changes. *Required if the MDU S3 is fitted with a lock.

Fibre Adaptors

SC Adaptors

Features and benefits

- A range of high performance Single Mode SC Adaptors
- SC SX or SC DX versions
- APC + UPC

Technical Description

The fibre adaptor is used to mate two connectors together aligning the ferrule of the connectors keeping the fibres in perfect alignment and minimising losses. The fibre adaptors fool proof design and audible click mechanism provide a secure inter-connect.
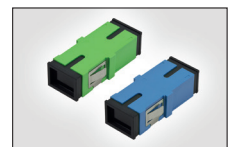
The adaptor is supplied with secure fit dust caps which have a high mechanical retention ensuring they remain in place if they are accidentally knocked or encounter excessive vibration.

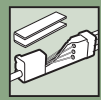All fibre adaptors and connectors comply with the IEC874-14 standard ensuring inter-operability.
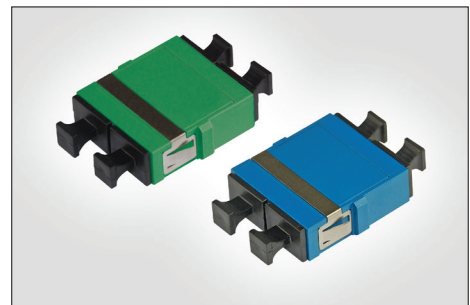
SC APC and PC Duplex.

SC APC and PC Duplex.

TYPE	Performance Category	Height (H)	Width (W)	Depth (D)	Port count	Colour	Article-No.
FBASMBL-SCSCDX-FL001T	Single Mode	9.3	22	44	2	Blue (BU)	855-20059
FBAAPGN-SCSCDX-FL001T	Single Mode	9.3	22	44	2	Green (GN)	855-20062
FBASMBL-SCSCSX-FL001T	Single Mode	9.5	15	44	1	Blue (BU)	855-20061
FBAAPGN-SCSCSX-FL001T	Single Mode	9.5	15	44	1	Green (GN)	855-20057

All dimensions in mm. Subject to technical changes.

Fibre Adaptors

LC Adaptors

Features and benefits
- A range of high performance Single Mode LC Adaptors
- APC + UPC
- LC SX, DX + Quad versions

Technical Description
The fibre adaptor is used to mate two connectors together aligning the ferrule of the connectors keeping the fibres in perfect alignment and minimising losses. The adaptor has a simple to use latched lever mechanism which prevents accidental disconnection and precision housing for optimum performance. All fibre adaptors and connectors comply with the IEC874-14 standard ensuring inter-operability.
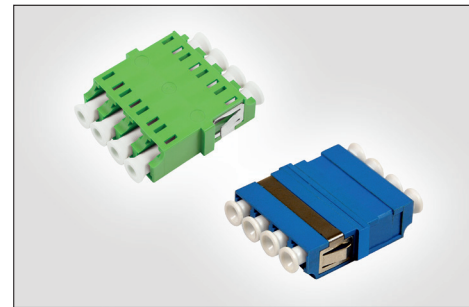
LC APC and PC Quad Adaptors.
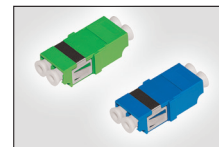
LC APC and PC Duplex.

LC APC and PC Simplex.

TYPE	Performance Category	Height (H)	Width (W)	Depth (D)	Port count	Colour	Article-No.
FBASMBL-LCLCDX-FL001T	Single Mode	9.3	15	35	2	Blue (BU)	855-20058
FBAAPGN-LCLCDX-FL001T	Single Mode	9.3	15	35	2	Green (GN)	855-20053
FBASMBL-LCLCQD-FL001T	Single Mode	9.3	28	35	4	Blue (BU)	855-20074
FBAAPGN-LCLCQD-FL001T	Single Mode	9.3	28	35	4	Green (GN)	855-20054
FBASMBL-LCLCSX-FL001T	Single Mode	13.1	6.9	27	1	Blue (BU)	855-20064
FBAAPGN-LCLCSX-FL001T	Single Mode	13.1	6.9	27	1	Green (GN)	855-20063

All dimensions in mm. Subject to technical changes.
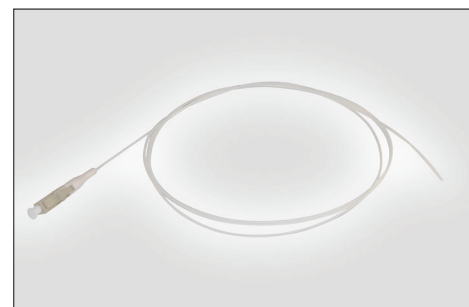
Fibre Pigtails

LC and SC Pigtails

Features and benefits
- A range of single mode pigtails
- LC and SC Connectors
- Manufactured to ISO standards
- Pre-terminated connector saves installation time on site
- 1m or 1.5m lengths
- 600μm and 900μm tight buffered fibre optic cable
- Pre-tested with test results supplied

Technical Description
The LC Pigtails are manufactured using 600μm or 900μm tight buffered cable in OS2 as standard.

All LC Pigtails are tested prior to despatch and individually bagged with individual test certificates.

LC Fibre Pigtails.

TYPE	Performance Category	Colour	Length (L)	Port count	Connector Colour	Article-No.
FBTXOS2-LCXXSW-01.0M-APC-T	G657.A1	White (WH)	1	1	Green (GN)	855-25054
FBTXOS2-LCXXSW-01.0M-T	G657.A1	White (WH)	1	1	Blue (BU)	855-25056
FBTXOS2-LCXXSW-01.5M-APC-600	G657.A1	White (WH)	1.5	1	Green (GN)	855-25071
FBTXOS2-LCXXSW-01.5M-APC-T	G657.A1	White (WH)	1.5	1	Green (GN)	855-25072
FBTXOS2-LCXXSW-01.5M-PC-600	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25073
FBTXOS2-LCXXSW-01.5M - T	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25074
FBTXOS2-SCXXSW-01.5M-APC-600	G657.A1	White (WH)	1.5	1	Green (GN)	855-25067
FBTXOS2-SCXXSW-01.5M-T-600	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25068
FBTXOS2-SCXXSW-01.5M-APC-T	G657.A1	White (WH)	1.5	1	Green (GN)	855-25069
FBTXOS2-SCXXSW-01.5M-PC-T	G657.A1	White (WH)	1.5	1	Blue (BU)	855-25070
FBTXOS2-SCXXSW-01.0M-T	G657.A1	White (WH)	1	1	Blue (BU)	855-25055
FBTXOS2-SCXXSW-01.0M-APC-T	G657.A1	White (WH)	1	1	Green (GN)	855-25057

All dimensions in metres (m). Subject to technical changes.

Rear Mounting Storage Bracket

Fibre Optic Enclosure Accessories

Features and benefits

- Dual use; MDU mounting and drop cable storage
- Stores up to 4m of drop cable
- Allows easy removal of MDU to working level
- Integrated hook to hang the MDU from
- Multiple anchor points
- Grey Powder coated stainless steel

Technical Description

The Rear mounting storage brackets have been designed to allow for effective MDU wall mounting at both low and high levels.

The MDU is fitted to a back plate which then secures to the wall mounted storage bracket.

It allows engineers to safely remove the MDU and bring it down to working level. The back plate also features a hook system that allows engineers to hang the MDU off the storage bracket and offers flexibility in working methods and environments.
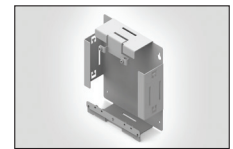
The storage bracket has been designed to hold and store up to 4 metres of drop cable. A number of anchor points are located around the bracket to allow for multiple cable tie points, ensuring stability and security for the stored drop cable.

NEW!
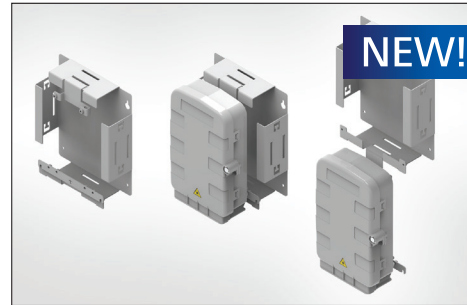
Basket with MDU S1 in-situ and hung off the Rear Mounting Storage Bracket.
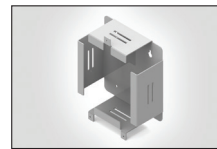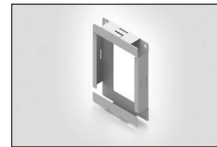

Unloaded MDU S1XS Basket.

Unloaded MDU S1 Basket.

Unloaded MDU S2 Basket.

Unloaded MDU S3 Basket.

Unloaded MDU S4 Basket.

Unloaded MDU S5 Basket.

TYPE	Height (H)	Width (W)	Depth (D)	Drop Cable Length (L)	Drop Cable Quantity	Colour	Article-No.
MDU-S1XS-RMSBRKT/GY	236	180	80	4m	12 x 3mm		857-40699
MDU-S1-RMSBRKT/GY	228	186	71	4m	12 x 3mm		857-40700
MDU-S2-RMSBRKT/GY	368	206	62	4m	24 x 3mm		857-40701
MDU-S3-RMSBRKT/GY	357	228	63	4m	24 x 3mm	Grey	857-40702
MDU-S4-RMSBRKT/GY	416	285	63.5	4m	64 x 3mm		857-40703
MDU-S5-RMSBRKT/GY	521	360	65	4m	64 x 3mm		857-40704

All dimensions in mm unless otherwise stated. Subject to technical changes.

Mounting Brackets

V Shaped Mounting Bracket

Features and benefits

- Suitable for use with the AFN and FFE enclosures
- Offers management for a maximum of 2 enclosures
- Powder coated stainless steel

Technical Description

A V shaped pole mounting bracket designed to provide mounting positions for 2 enclosures and which is suitable for use with the AFN and the FFE.

Anchoring is provided at the base of the bracket for incoming cables. The bracket is

manufactured from powder coated stainless steel and designed not to exceed the width of the pole top. The bracket can be pre-loaded with the enclosures and then secured to the pole.

V Bracket for the AFN and FFE.

TYPE	Height (H)	Width (W)	Depth (D)	Description	Article-No.
MB-AFN/FFE-V-BRKT	384	179	201	V Shaped Mounting Bracket for AFN and FFE.	857-40577

All dimensions in mm. Subject to technical changes.

Mounting Brackets

Universal Mounting Bracket

Features and benefits

- Suitable for use with the AFN and FFE enclosures
- Angled or flat mounting on to pole
- Cable management for a maximum of 24 x 6mm duct/drop cables
- Cable retention hooks and loop storage for incoming cables
- Multiple mounting positions for each enclosure type:
  - AFN - 4 positions
  - FFE - 3 positions
- Offset fixing points for ease of installation

Universal Mounting Bracket for the AFN and FFE.
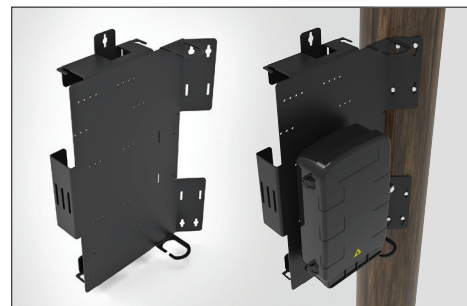
Technical Description

A pole mounting bracket designed for use in aerial applications for the HellermannTyton Aerial Fibre Node (AFN) and Fibre Facade (FFE) enclosures.

The MB-AFN/FFE-AF-PB-002 mounting bracket is manufactured from powder coated stainless steel and has been designed to offer the option of being mounted at an angle or flat on to the pole. Separate offset screw fixing or strap mounting points for angled and flat orientation allow for a quick and easy fix to the pole.

Multiple mounting positions have been designed in to the bracket for the enclosure, 4 for the AFN and 3 for the FFE, to allow for accurate positioning and cable management.

The bracket can also be mounted upside down. This allows two brackets to be fitted side by side whilst maintaining all of the fibre management features. Retaining hooks and cable anchor points are provided to manage the incoming duct/cables as they transition from the loop storage area in to the AFN/FFE.

The loop storage area will manage up to 30m of 6mm duct or cable and two drop cable hooks and velcro cable tie fixing points offer duct/ cable management and support for a maximum of 24 x 6mm duct/drop cable.

TYPE	Height (H)	Width (W)	Depth (D)	Description	Article-No.
MB-AFN/FFE-AF-PB-002	440	266	106	Universal Mounting Bracket for AFN and FFE.	857-40765

All dimensions in mm. Subject to technical changes.

Mounting Brackets

AFN Mounting Bracket - 400mm

Features and benefits
- Designed to be used the with AFN Enclosure
- Anchoring and cable management for up to 24 customer drops
- Manufactured from powder coated stainless steel

Technical Description

The universal pole mounting bracket, suitable for use with the Aerial Fibre Node, provides secure anchoring for up to ten metres of ultra lightweight cable and 24 distribution drop fibres.

Constructed from powder coated stainless steel and designed not to exceed the width of the pole-top the bracket can be preloaded with the enclosure and then secured to the pole.

The bracket has been designed with a front loading storage basket to allow for secure storage of excess cables.
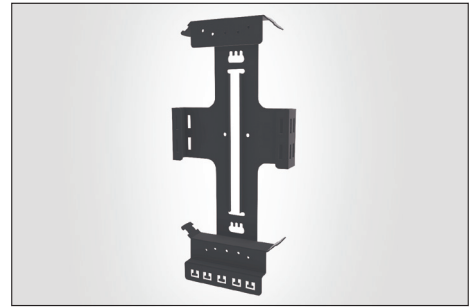
400mm Mounting Bracket for the AFN.

TYPE	Height (H)	Width (W)	Depth (D)	Description	Article-No.
MB-AFN-PWB/BK-400MM	384	186	53	400mm AFN Mounting Bracket	857-40582

All dimensions in mm. Subject to technical changes.

Cablelok

R, B, S, T, LM and L Port Cablelok

Features and benefits
- Cable range coverage from 1.7mm – 29.0mm
- Port closure plug available
- Supplied in multiples of 1 and 10
- Supplied with installation lubricant sachets

Technical Description

Cablelok is a mechanical seal manufactured from external grade flexible polychloroprene. There are 6 Cablelok port sizes which cover a cable range of 1.7mm – 29.0mm including a port plug for blocking unused drop ports.

B Series Cablelok.

R Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-R10-01		1.7 - 2.0	1	857-50163
CABLELOK-R10-10		1.7 - 2.0	10	857-50164
CABLELOK-R10D-01		1.7 - 2.0	1	857-50161
CABLELOK-R10D-10		1.7 - 2.0	10	857-50162
CABLELOK-R15-01		2.0 - 3.0	1	857-50224
CABLELOK-R15-10		2.0 - 3.0	10	857-50225
CABLELOK-R15D-01		2.0 - 3.0	1	857-50226
CABLELOK-R15D-10		2.0 - 3.0	10	857-50227
CABLELOK-R20-01		3.0 - 3.8	1	857-50165
CABLELOK-R20-10		3.0 - 3.8	10	857-50166
CABLELOK-R30D-01		3.8 - 4.8	1	857-50159
CABLELOK-R30D-10		3.8 - 4.8	10	857-50160
CABLELOK-R40-01		3.8 - 5.2	1	857-50151
CABLELOK-R40-10		3.8 - 5.2	10	857-50152
CABLELOK-R50-01		5.2 - 8.0	1	857-50153
CABLELOK-R50-10		5.2 - 8.0	10	857-50154
CABLELOK-R70-01		6.0 - 8.5	1	857-50167
CABLELOK-R70-10		6.0 - 8.5	10	857-50168
CABLELOK-R80-01		8.0 - 9.5	1	857-50155
CABLELOK-R80-10		8.0 - 9.5	10	857-50156
CABLELOK-R99-01		-	1	857-50157
CABLELOK-R99-10		-	10	857-50158

All dimensions in mm. Subject to technical changes.

R75OV Cablelok

The R75OV Cablelok has been designed to provide a seal the R port of the HellermannTyton closures with an oval cable.

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-R75OV-01		7.7 x 4.2 - 4.5	1	857-50241
CABLELOK-R75OV-10			10	857-50242

All dimensions in mm. Subject to technical changes.

Cablelok

R, B, S, T, LM and L Port Cablelok

B Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-B10-01		4.8 - 9.0	1	857-50149
CABLELOK-B10-10		4.8 - 9.0	10	857-50150
CABLELOK-B20-01		8.0 - 14.0	1	857-50143
CABLELOK-B20-10		8.0 - 14.0	10	857-50144
CABLELOK-B30-01		13.0 - 16.5	1	857-50145
CABLELOK-B30-10		13.0 - 16.5	10	857-50146
CABLELOK-B99-01		-	1	857-50147
CABLELOK-B99-10		-	10	857-50148

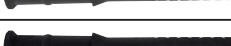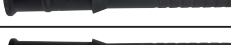All dimensions in mm. Subject to technical changes.

D Port Cablelok

Designed to provide a seal for 10-12mm cable/duct in the D Port of the HellermannTyton closures.

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-D10-01		10	1	857-50243
CABLELOK-D10-10			10	857-50244
CABLELOK-D20-01		12	1	857-50245
CABLELOK-D20-10			10	857-50246

All dimensions in mm. Subject to technical changes.

S Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-S10-01		5.0 - 8.5	1	857-50179
CABLELOK-S10-10		5.0 - 8.5	10	857-50180
CABLELOK-S20-01		8.0 - 12.0	1	857-50169
CABLELOK-S20-10		8.0 - 12.0	10	857-50170
CABLELOK-S30D-01		10.0 - 11.5	1	857-50177
CABLELOK-S30D-10		10.0 - 11.5	10	857-50178
CABLELOK-S40-01		12.0 - 16.0	1	857-50171
CABLELOK-S40-10		12.0 - 16.0	10	857-50172
CABLELOK-S50-01		16.0 - 20.0	1	857-50173
CABLELOK-S50-10		16.0 - 20.0	10	857-50174
CABLELOK-S99-01		-	1	857-50175
CABLELOK-S99-10		-	10	857-50176

All dimensions in mm. Subject to technical changes.

S Port Multi-Drop Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-S15M5-01		6.8 - 7.2	1	857-50228
CABLELOK-S15M5-10		6.8 - 7.2	10	857-50229

All dimensions in mm. Subject to technical changes.
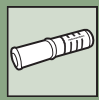
Cablelok

R, B, S, T, LM and L Port Cablelok

T Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-T10-01		15.5 - 22.0	1	857-50189
CABLELOK-T10-10		15.5 - 22.0	10	857-50190
CABLELOK-T20-01		20.0 - 23.5	1	857-50181
CABLELOK-T20-10		20.0 - 23.5	10	857-50182
CABLELOK-T30-01		23.5 - 25.5	1	857-50183
CABLELOK-T30-10		23.5 - 25.5	10	857-50184
CABLELOK-T40-01		24.5 - 29.0	1	857-50185
CABLELOK-T40-10		24.5 - 29.0	10	857-50186
CABLELOK-T99-01		-	1	857-50187
CABLELOK-T99-10		-	10	857-50188

All dimensions in mm. Subject to technical changes.

LM Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-LM10C-01		4.0 - 6.5	1	857-50203
CABLELOK-LM10C-10		4.0 - 6.5	10	857-50204
CABLELOK-LM20C-01		6.0 - 9.5	1	857-50205
CABLELOK-LM20C-10		6.0 - 9.5	10	857-50206
CABLELOK-LM30C-01		9.0 - 12.5	1	857-50207
CABLELOK-LM30C-10		9.0 - 12.5	10	857-50208
CABLELOK-LM40C-01		12.5 - 15.0	1	857-50209
CABLELOK-LM40C-10		12.5 - 15.0	10	857-50210
CABLELOK-LM99C-01		-	1	857-50211
CABLELOK-LM99C-10		-	10	857-50212

All dimensions in mm. Subject to technical changes.

L Port Cablelok

TYPE	Drawing	Suitable for Cable Ø from/to	Pack Cont.	Article-No.
CABLELOK-L10C-01		5.5 - 9.5	1	857-50199
CABLELOK-L10C-10		5.5 - 9.5	10	857-50200
CABLELOK-L20C-01		9.0 - 12.5	1	857-50213
CABLELOK-L20C-10		9.0 - 12.5	10	857-50214
CABLELOK-L30C-01		12.0 - 15.0	1	857-50191
CABLELOK-L30C-10		12.0 - 15.0	10	857-50192
CABLELOK-L40C-01		15.0 - 18.5	1	857-50193
CABLELOK-L40C-10		15.0 - 18.5	10	857-50194
CABLELOK-L50C-01		18.3 - 20.0	1	857-50195
CABLELOK-L50C-10		18.3 - 20.0	10	857-50196
CABLELOK-L99C-01		-	1	857-50197
CABLELOK-L99C-10		-	10	857-50198

All dimensions in mm. Subject to technical changes.

Cablelok

Port Opening Accessories

TYPE	Drawing	Description	Port	Content	Pack Cont.	Article-No.
SBT-B-01		B Port Opening Blade	B	-	1	857-40433
SBT-R-01		R Port Opening Blade	R	-	1	857-40432
SBT-S-01		S Port Opening Blade	S	-	1	857-40434
TPC3337		Coping Saw	L, LM, T	-	1	857-40179
TPC1942		Inset Disc	B	-	1	857-40176
TPC1941		Inset Disc	R	-	1	857-40175
TPC1943		Inset Disc	S	-	1	857-40177
TPC1940		Top Hat	B	-	1	857-40174
TPC1939		Top Hat	R	-	1	857-40173
TPC1944		Top Hat	S	-	1	857-40367
TPCK3924		Port Opening Tool Kit	-	TPC1939 TPC1940 TPC1941 TPC1942 TPC1943 Cover Release Tool	1	857-40221

All dimensions in mm. Subject to technical changes.