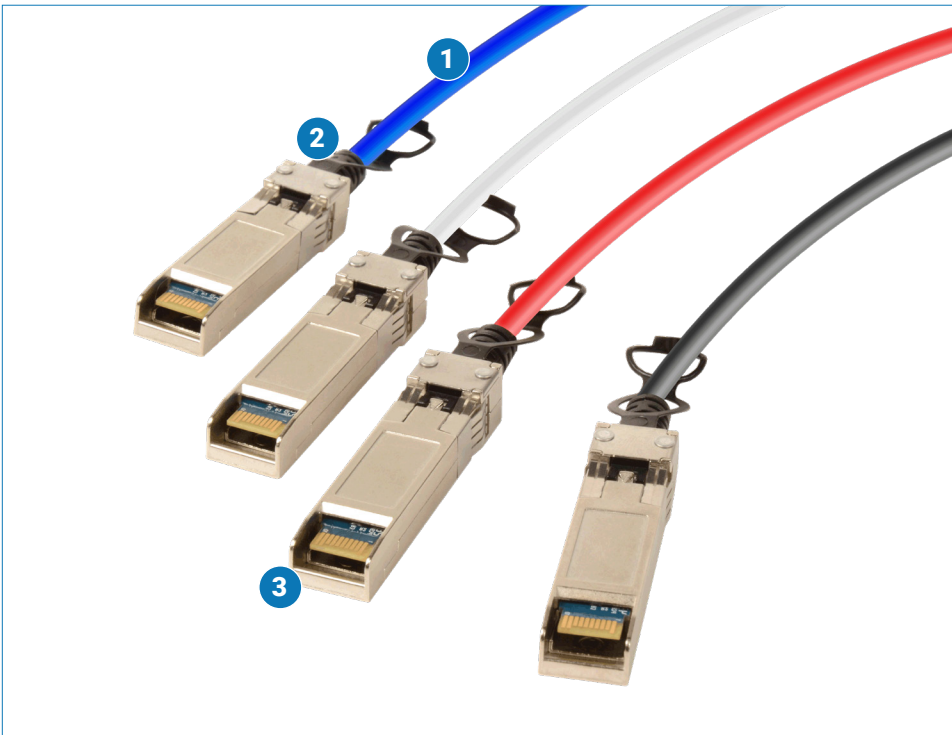


SFP28 25G Direct Attach Copper Passive Cables

Regional Availability – Global



Siemon SFP28 25G passive Direct Attach Copper Cable assemblies are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects. The direct-attach assemblies (DAC) support 25G applications and are available in standard lengths up to 5 meters.



PCB Termination



1. Multiple CM/LS0H Rated Cable Jacket
Colors Available

2. Bend Relief

3. SFF-8432 Compliant SFP28 Connector

4. Dielectric Compensating Encapsulation

5. Additional Strain Relief Overmold

Applications

- Ethernet 25GBASE-CR1
- Top-of-Rack
- Switch-to-Server
- Rack-to-Rack
- Switch-to-Switch
- Network Interface Adapter
- Storage
- Routers
- Servers

Standards Compliance

- Electrical: IEEE 802.3by, SFF-8419
- Mechanical: SFF-8432
- EEPROM: SFF-8472
- RoHS/REACH

PHYSICAL PROPERTIES – PLUG

BACKSHELL MATERIAL	Nickel-Plated Zinc Diecast
CONTACT MATERIAL	PCB with Gold-Plated Pads
LATCH	Positive Latching with Nylon Pull Tab
INSERTION FORCE	18N (4.0 lbf.) Max
WITHDRAWAL FORCE	12.5N (2.8 lbf.) Max
RETENTION FORCE	90N (20.2 lbf.) Max
DURABILITY	250 Cycles Min

PHYSICAL PROPERTIES – CABLE

CONDUCTOR	Silver-Plated Solid Copper
WIRE GAUGE	30 AWG and 26 AWG
IMPEDANCE	100± 5 ohms
CONSTRUCTION	Twinaxial
CABLE OD	30 AWG = 4.5mm (0.177 in.)
	26 AWG = 6mm (0.236 in.)
JACKET TYPE	CL2/LS0H
BEND RADIUS	5X Cable OD - Single 10X Cable OD - Repeated

ELECTRICAL PROPERTIES

MIN. DIELECTRIC WITHSTAND VOLTAGE	300 VDC
INSULATION RESISTANCE	1000 Mohms
CURRENT RATING	0.5 Amp Min/Signal Contact

GENERAL PROPERTIES

OPERATING TEMPERATURE	-5 to 70°C (32 to 158°F)
FLAMMABILITY RATING	UL 94
GREEN FEATURES	RoHS, Lead-Free and REACH
SHIELD	Braid/Foil
JACKET MARKING	Part Number, Date Code

Ordering Information

Part Number – Black	Part Number – Colored	Length	Gauge
S1S28P300.5-01L	S1S28P300.5-(XX)L	0.5m (1.6 ft.)	30 AWG
S1S28P301.0-01L	S1S28P301.0-(XX)L	1m (3.3 ft.)	30 AWG
S1S28P301.5-01L	S1S28P301.5-(XX)L	1.5m (4.9 ft.)	30 AWG
S1S28P302.0-01L	S1S28P302.0-(XX)L	2m (6.6 ft.)	30 AWG
S1S28P262.5-01L	S1S28P262.5-(XX)L	2.5m (8.2 ft.)	26 AWG
S1S28P263.0-01L	S1S28P263.0-(XX)L	3m (9.8 ft.)	26 AWG
S1S28P265.0-01L*	S1S28P265.0-(XX)L*	5m (16.4 ft.)	26 AWG

Use (XX) to specify color: 02 = White, 03 = Red, 06 = Blue

All cables compliant to IEEE 802.3by, CA-N. Will work with or without FEC unless otherwise noted.

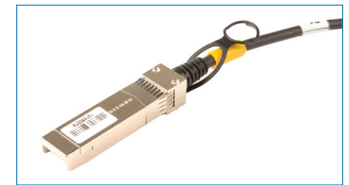
*Compliant to IEEE 802.3bj, CA-L. Will work with RS-FEC.

Color-Coded Cable Clips

Our color-coded cable clips are designed to be highly visible, have a secure fit to the cable and easily field attachable to Siemon SFP+ cables. With 8 available colors to choose from, these color-coded cable clips provide Data Center Administrators the ability to customize their cables to clearly differentiate and identify various networks.

Part Number	Description
CLIP-CBL-50-(XX)	Color-coded cable clip, 30 and 28 AWG, bag of 25 clips
CLIP-CBL-62-(XX)	Color-coded cable clip, 26 and 24 AWG, bag of 25 clips

Use (XX) to specify color: 02 = White, 03 = Red, 04 = Grey, 05 = Yellow, 06 = Blue, 07 = Green, 08 = Violet, 09 = Orange



Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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