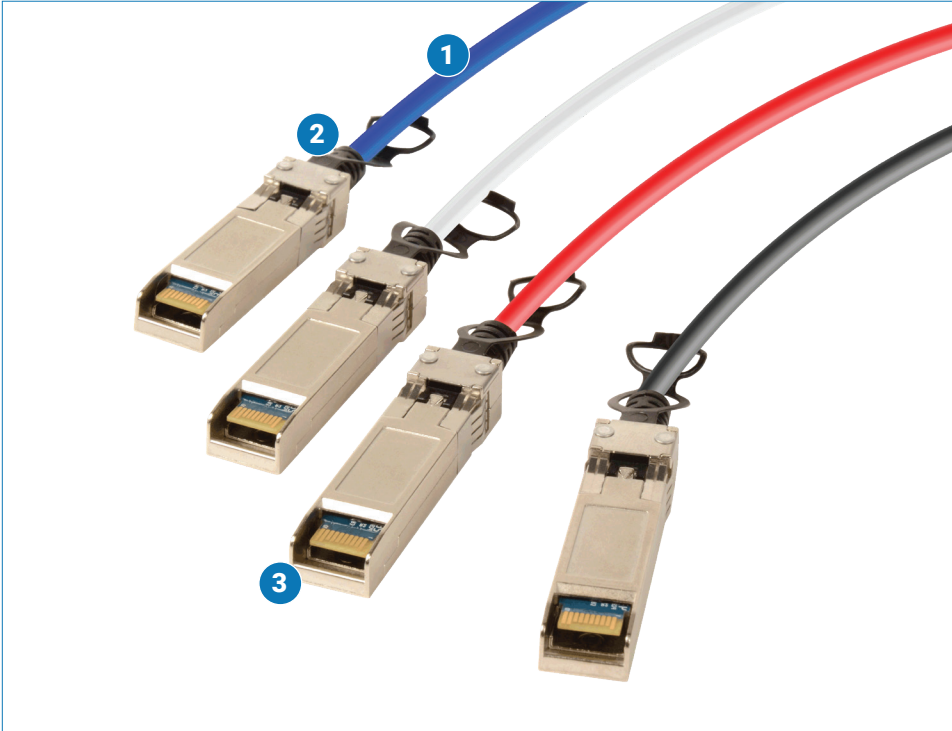


# SFP+ 10G Direct Attach Copper Passive Cables

Regional Availability – Global



Siemon SFP+ 10G 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 10G applications and are available in standard lengths up to 7 meters.



## PCB Termination



1. Multiple CM/LS0H Rated Cable Jacket Colors Available

2. Bend Relief

3. SFF-8432 Compliant SFP+ Connector

4. Dielectric Compensating Encapsulation

5. Additional Strain Relief Overmold

## Applications

- Ethernet 10GBASE-CR1
- Top-of-Rack
- Switch-to-Server
- Rack-to-Rack
- Switch-to-Switch
- Network Interface Adapter
- Storage
- Routers
- Servers

## Standards Compliance

- Electrical: SFF-8431, SFF-8083
- Mechanical: SFF-8432
- EEPROM: SFF-8472
- RoHS/REACH

## PHYSICAL PROPERTIES – PLUG

BACKSHELL MATERIAL	Nickel-Plated Zinc Diecast
CONTACT MATERIAL	PCB with Gold-Plated Pads
INSERTION FORCE	30N (6.7 lbf.) Max
WITHDRAWAL FORCE	20N (4.5 lbf.) Max
RETENTION FORCE	90N (20.2 lbf.) Max
DURABILITY	50 Cycles Min

## PHYSICAL PROPERTIES – CABLE

CONDUCTOR	Silver-Plated Solid Copper	
IMPEDANCE	100 ± 5 ohms	
CONSTRUCTION	Twinaxial	
JACKET TYPE	CM/LS0H	
WIRE GAUGE	30 AWG	26 AWG
Cable OD	4.6 mm (0.18 in.)	5.6 mm (0.22 in.)
Single Bend Radius	7X Cable OD	7X Cable OD
Repeated Bend Radius	15X Cable OD	15X Cable OD

## ELECTRICAL PROPERTIES

MIN. DIELECTRIC WITHSTAND VOLTAGE	300 VDC
INSULATION RESISTANCE	1000 Mohms
CURRENT RATING	0.5 Amp Min/Signal Contact
POWER CONSUMPTION (ACTIVE CABLES ONLY)	700mw Max

## GENERAL PROPERTIES

OPERATING TEMPERATURE	-10 to 75°C (14 to 158°F)
FLAMMABILITY RATING	UL 94 V-0, IEC60332-1, IEC60754-1, IEC60754-2, IEC61034-2
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
SFPP30-00.5L	SFPP30-00.5-(XX)L	0.5m (1.6 ft.)	30 AWG
SFPP30-01L	SFPP30-01-(XX)L	1m (3.3 ft.)	30 AWG
SFPP30-01.5L	SFPP30-01.5-(XX)L	1.5m (4.9 ft.)	30 AWG
SFPP30-02L	SFPP30-02-(XX)L	2m (6.6 ft.)	30 AWG
SFPP30-02.5L	SFPP30-02.5-(XX)L	2.5m (8.2 ft.)	30 AWG
SFPP30-03L	SFPP30-03-(XX)L	3m (9.8 ft.)	30 AWG
SFPP30-03.5L	SFPP30-03.5-(XX)L	3.5m (11.5 ft.)	30 AWG
SFPP30-04L	SFPP30-04-(XX)L	4m (13.1 ft.)	30 AWG
SFPP30-05L	SFPP30-05-(XX)L	5m (16.4 ft.)	30 AWG
SFPP26-07L	SFPP26-07-(XX)L	7m (23.0 ft.)	26 AWG

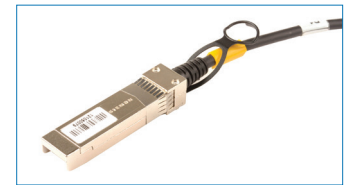
Use (XX) to specify color: 02 = White, 03 = Red, 06 = Blue

## 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



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SPEC SHEET

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

**North America**  
P: (1) 860 945 4200

**Asia Pacific**  
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**Mexico**  
P: (521) 556 387 7708/09/10

**Siemon OEM Technologies**  
P: (1) 860 945 4213  
[www.siemon.com/OEM](http://www.siemon.com/OEM)

**Latin America**  
P: (571) 657 1950/51/52

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P: (44) 0 1932 571771

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P: (971) 4 3689743