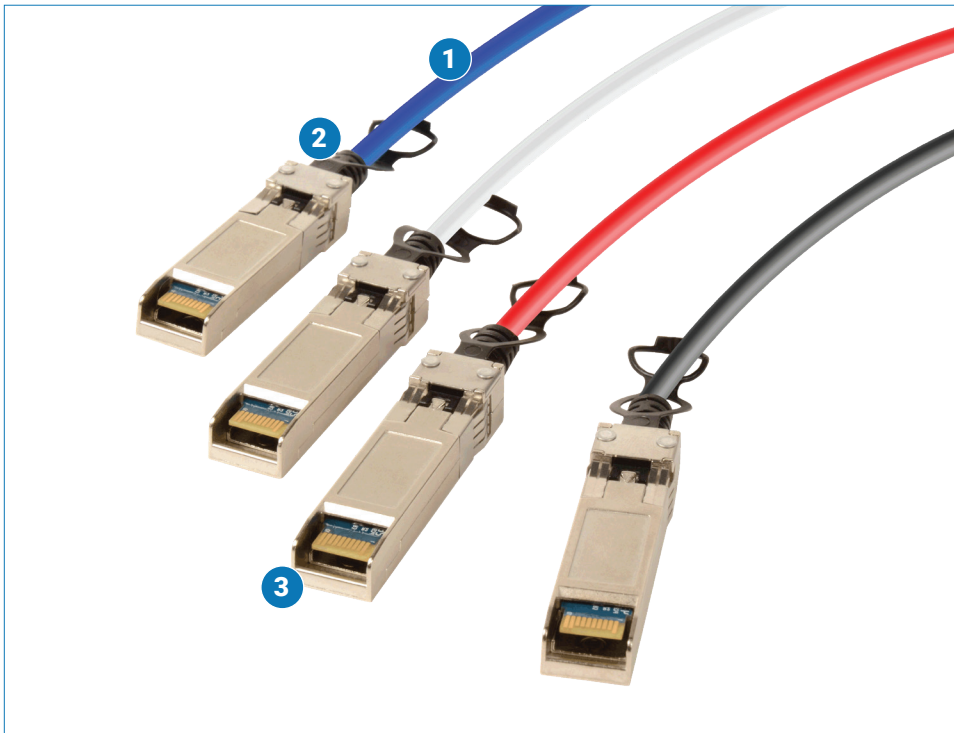


# SFP+ 10G Direct Attach Copper Passive Cables

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/LSOH 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
WIRE GAUGE	30 AWG and 26 AWG
IMPEDANCE	100± 5 ohms
CONSTRUCTION	Twinaxial
CABLE OD	30 AWG = 4.6mm (0.181 in.)
	26 AWG = 5.6mm (0.220 in.)
JACKET TYPE	CM/LS0H
BEND RADIUS	7X 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



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**  
P: (61) 2 8977 7500

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

**Europe**  
P: (44) 0 1932 571771

**China**  
P: (86) 215385 0303

**India, Middle East & Africa**  
P: (971) 4 3689743

**Siemon Interconnect Solutions**  
P: (1) 860 945 4213  
[www.siemon.com/SIS](http://www.siemon.com/SIS)

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

[www.siemon.com](http://www.siemon.com)

