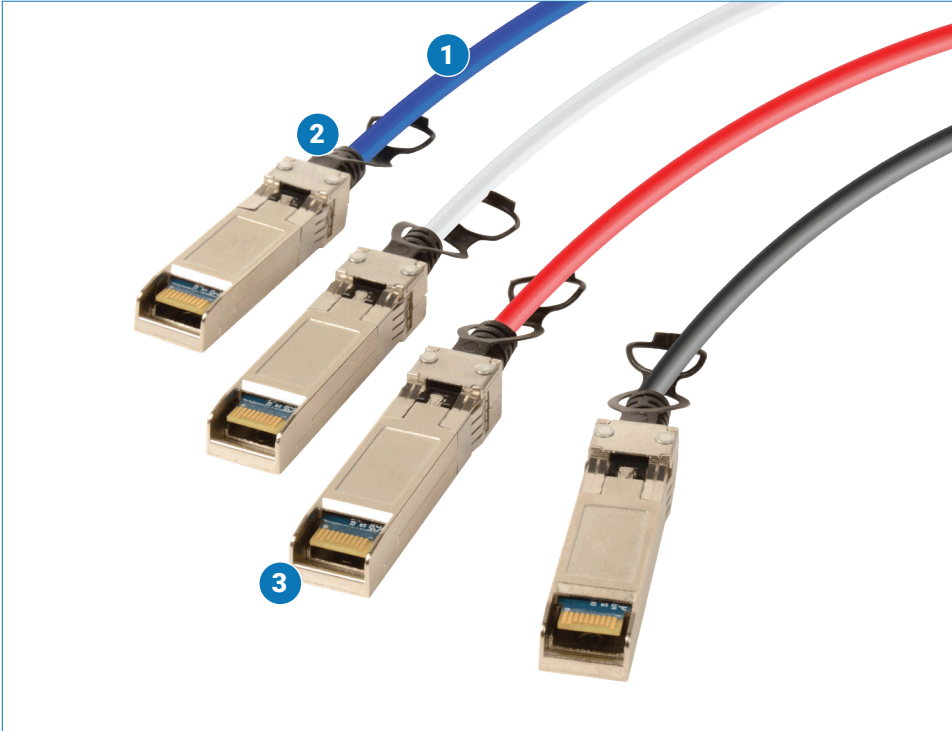


# SFP+ 10G Cisco Compatible Direct Attach Copper Passive Cables

Regional Availability – Global



Cisco Compatible SFP+ cables from Siemon were developed specifically as a cost-effective and lower-power alternative to optical modules for short reach links in high-speed interconnect applications such as top-of-rack switching to server connections used in Cloud computing. The assemblies support data transfer rates up to 10GbE, meeting or exceeding current network standards. Cisco Compatible SFP+ passive copper cable assemblies are programmed specifically to work with Cisco network equipment.



## 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
IMPEDANCE	100± 5 ohms
CONSTRUCTION	Twinaxial
JACKET TYPE	CM/LS0H
WIRE GAUGE	30 AWG
Cable OD	4.6 mm (0.18 in.)
Single Bend Radius	7X Cable OD
Repeated Bend Radius	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
SFPH10GB0.5M01L	SFPH10GB0.5M(XX)L	0.5m (1.6 ft.)	30 AWG
SFPH10GB1.0M01L	SFPH10GB1.0M(XX)L	1m (3.3 ft.)	30 AWG
SFPH10GB1.5M01L	SFPH10GB1.5M(XX)L	1.5m (4.9 ft.)	30 AWG
SFPH10GB2.0M01L	SFPH10GB2.0M(XX)L	2m (6.6 ft.)	30 AWG
SFPH10GB2.5M01L	SFPH10GB2.5M(XX)L	2.5m (8.2 ft.)	30 AWG
SFPH10GB3.0M01L	SFPH10GB3.0M(XX)L	3m (9.8 ft.)	30 AWG
SFPH10GB3.5M01L	SFPH10GB3.5M(XX)L	3.5m (11.5 ft.)	30 AWG
SFPH10GB4.0M01L	SFPH10GB4.0M(XX)L	4m (13.1 ft.)	30 AWG
SFPH10GB5.0M01L	SFPH10GB5.0M(XX)L	5m (16.4 ft.)	30 AWG

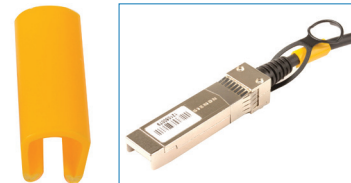
Use (XX) to specify color: 02 = White, 03 = Red, 06 = Blue

## 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 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.

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