

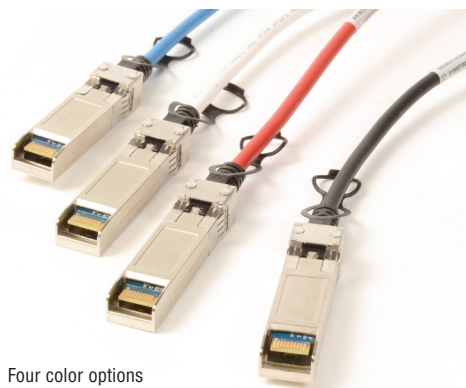
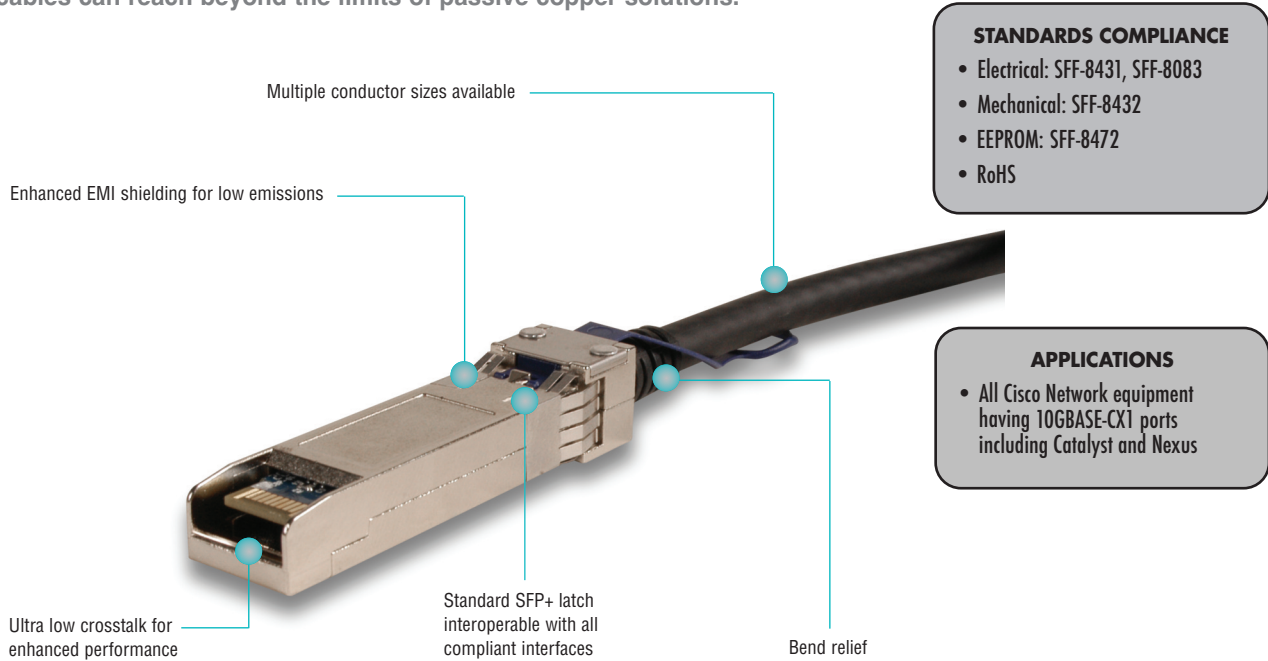
# Cisco Compatible SFP+ Twinax Copper Cable Assemblies

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 high-performance computing (HPC), enterprise networking including top-of-rack switching and network storage markets. The assemblies support data transfer rates up to 10+ Gb/s per lane, meeting or exceeding current standards specifications.

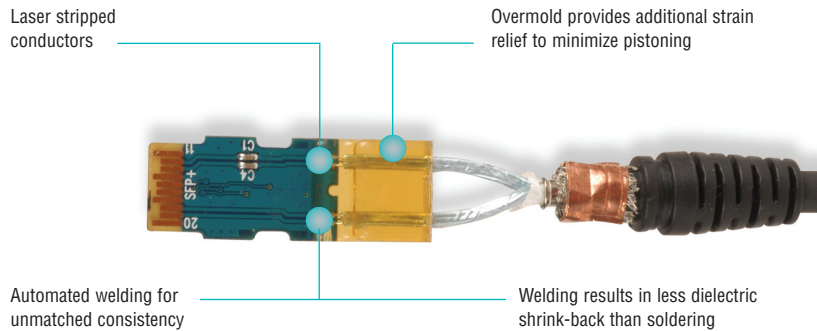
Cisco Compatible SFP+ active and passive copper cable assemblies are programmed specifically to work with Cisco equipment. When these cables are plugged into Cisco equipment they will not trigger the warning message that a non-Cisco transceiver has been detected. These cables do not violate Cisco's warranty.

These SFP+ fully-shielded assemblies combine twin-axial shielded cable configuration with robust die cast housings for enhanced support of high frequency data rates. These SFP+ assemblies are impedance matched to ensure interoperability and minimize EMI leakage through their fully-shielded design.

The active cables use signal processing within the connector back shells to extend the length that copper cables can reach beyond the limits of passive copper solutions.



## PCB Termination

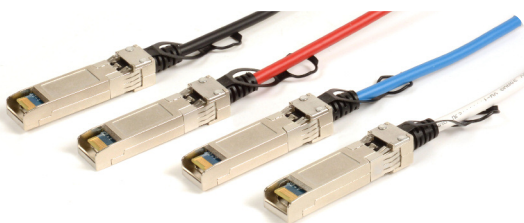


"Cisco" is a registered trademark of Cisco and/or its affiliates.

# Product Information

## PERFORMANCE SPECIFICATIONS

Electrical	
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	
Operating Temperature	-10 to 70° C (32 to 15° F)
Flammability Rating	UL 94 V-0
Green Features	RoHS, Lead-Free
Shield	Braid/Foil
Marking	Mfg Name, Part#, Date Code



## Ordering Information:

SFP+ Active/Passive Copper Cable Assemblies

Part Number (Black)	Part Number (Colors)	Length	Gauge
SFPH10GBCU0.3MS	SFPH10GB0.3MS(XX)	0.3m (1 ft.)	30
SFPH10GBCU0.5MS	SFPH10GB0.5MS(XX)	0.5m (1.6 ft.)	30
SFPH10GBCU1MS	SFPH10GB1MS(XX)	1m (3.3 ft.)	30
SFPH10GBCU1.5MS	SFPH10GB1.5MS(XX)	1.5m (4.9 ft.)	30
SFPH10GBCU2MS	SFPH10GB2MS(XX)	2m (6.6 ft.)	30
SFPH10GBCU2.5MS	SFPH10GB2.5MS(XX)	2.5m (8.2 ft.)	30
SFPH10GBCU3MS	SFPH10GB3MS(XX)	3m (9.8 ft.)	30
SFPH10GBCU3.5MS	SFPH10GB3.5MS(XX)	3.5m (11.5 ft.)	30
SFPH10GBCU4MS	SFPH10GB4MS(XX)	4m (13.1 ft.)	26
SFPH10GBCU5MS	SFPH10GB5MS(XX)	5m (16.4 ft.)	24
SFPH10GBACU7MS*	SFPH10GBA7MS(XX)*	7m (23.0 ft.)	28
SFPH10GBACU10MS*	SFPH10GBA10MS(XX)*	10m (32.8 ft.)	28

\*=Active

Use (XX) to specify color: 02 = white, 03 = red, 06 = blue  
For example, SFPH10GB3MS03 is a red 3 meter cable.

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

Plug	
Backshell Material	Nickel-Plated Zinc Diecast
Contact Material	PCB with Gold-Plated Pads
Latch	Positive Latching w/ Pull
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
Cable	
Conductor	Solid
Wire Gauge	30 AWG to 24 AWG
Impedance	100± 5 ohms
Construction	Twinaxial
Cable OD	30 AWG = 4.5mm (0.18 in.)
	28 AWG = 4.7mm (0.19 in.)
	24 AWG = 6.2mm (0.24 in.)
Jacket Type	PVC
Bend Radius	5X Cable OD

## 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.

\*Packaged 25 per bag.



### Part# 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=gray, 05=yellow, 06=blue, 07=green, 08 = violet, 09 = orange

### Worldwide Headquarters North America

Watertown, CT USA  
Phone (1) 860 945 4200 US  
Phone (1) 888 425 6165

### Regional Headquarters EMEA

Europe/Middle East/Africa  
Surrey, England  
Phone (44) 0 1932 571771

### Regional Headquarters Asia/Pacific

Shanghai, P.R. China  
Phone (86) 21 5385 0303

### Regional Headquarters Latin America

Bogota, Colombia  
Phone (571) 657 1950

### Siemon Interconnect Solutions

Watertown, CT USA  
Phone (1) 860 945 4213 US  
www.siemon.com/SIS