

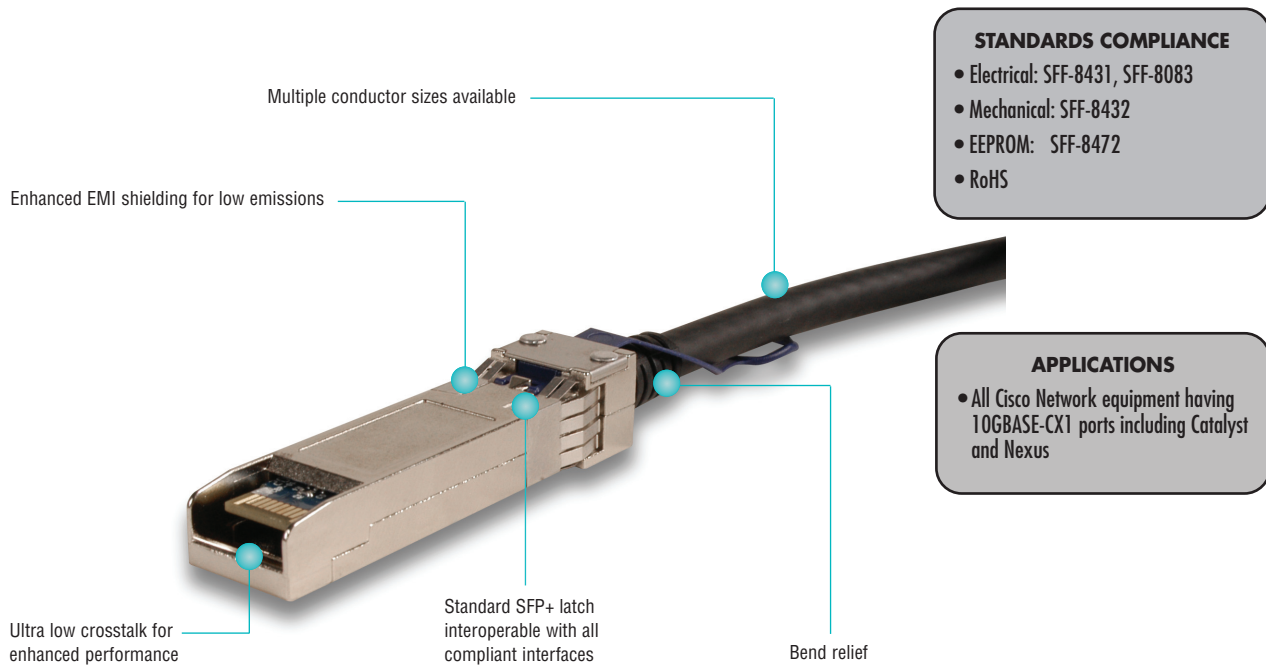
Cisco Compatible SFP+ Twinax Copper Cable Assemblies

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.

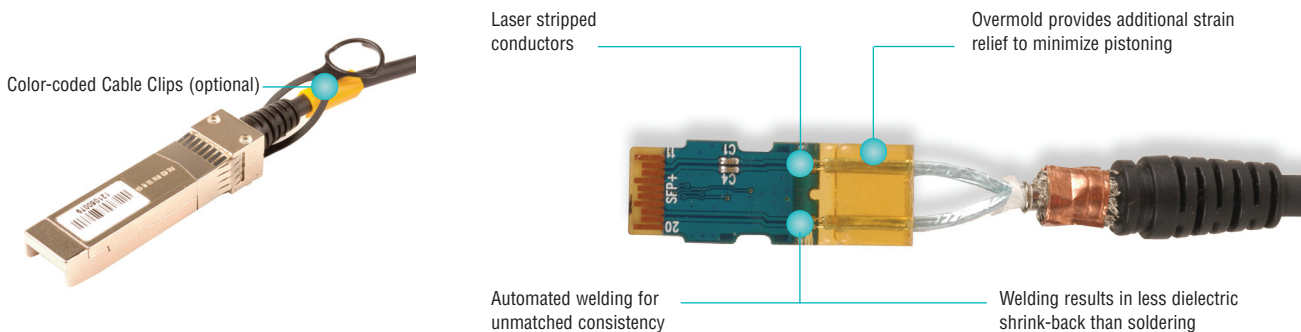
Cisco Compatible SFP+ active and passive copper cable assemblies are programmed specifically to work with Cisco equipment. When these cables are plugged into Cisco equipment they will not trigger the warning message that a non-Cisco transceiver has been detected. These cables do not violate Cisco's warranty.

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

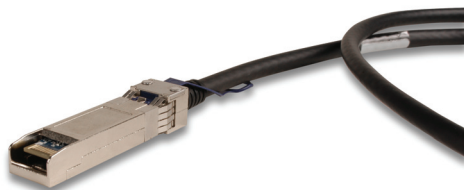


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Product Information

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 |



| 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 |

Ordering Information:

SFP+ Active/Passive Copper Cable Assemblies, Black

| Part Number | Length | Gauge |
|------------------|----------------|-------|
| SFPH10GBCU1MS | 1m (3.3 ft.) | 30 |
| SFPH10GBCU1.5MS | 1.5m (4.9 ft.) | 30 |
| SFPH10GBCU2MS | 2m (6.6 ft.) | 30 |
| SFPH10GBCU2.5MS | 2.5m (8.2 ft.) | 30 |
| SFPH10GBCU3MS | 3m (9.8 ft.) | 30 |
| SFPH10GBCU5MS | 5m (16.4 ft.) | 24 |
| SFPH10GBACU7MS* | 7m (23.0 ft.) | 28 |
| SFPH10GBACU10MS* | 10m (32.8 ft.) | 28 |

*=Active

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

FOR ADDITIONAL RESOURCE INFORMATION:

Visit our web site at www.siemon.com/SIS

SIEMON INTERCONNECT SOLUTIONS

Watertown, CT USA

Phone (1) 860 945-4213

E-Mail - Customer Service. - SIS_customerservice@siemon.com

E-Mail - Technical Support. - SIS_techsupport@siemon.com

Color-Coded Cable Clips:

Our color-coded cable clips are designed to be highly visible, have a secure fit to the cable and can be easily field attached 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# 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