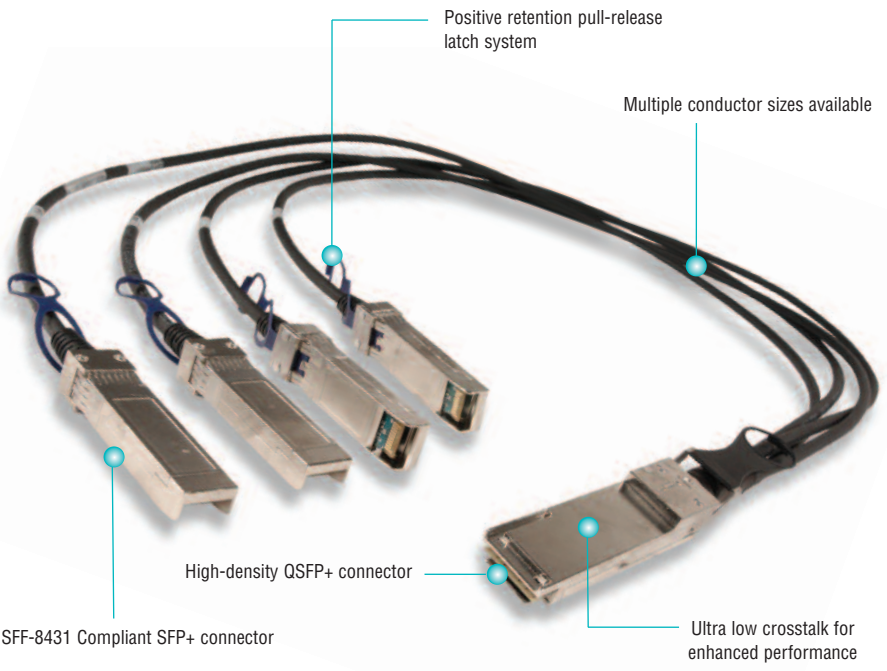


# QSFP+ to 4 SFP+ 10/40G Passive Copper Cable Assemblies

Siemon hybrid cables allow users to connect SFP+ and QSFP+ equipment. They offer a cost-effective, low-power option for high-speed data center interconnects. The direct-attach assemblies support 4 lanes of 10Gb/s (40Gb/s composite) and are available in standard lengths up to 5 meters with longer custom lengths available.



**STANDARDS COMPLIANCE**

**QSFP+ End**

- Electrical: IBTA V2 Revision 1.3, IEEE 802.3ba
- SFF-8436, SFF-8636
- RoHS

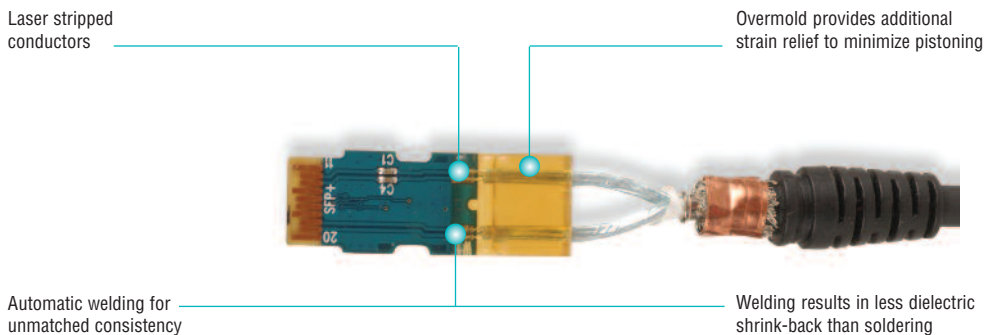
**SFP+ End**

- SFF-8431
- SFF-8432
- SFF-8472
- RoHS

**APPLICATIONS**

- InfiniBand SDR, DDR
- Ethernet 1G, 10G
- Fibre Channel
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- Networking
- Storage
- Hubs, switches, routers, servers

## PCB Termination



# Product Information

## PERFORMANCE SPECIFICATIONS

Electrical	
Min. Dielectric Withstand Voltage	300 VDC
Insulation Resistance	1000 Mohms
Current Rating	0.5 Amp Min/Signal Contact
General	
Operating Temperature	0 to 70° C (32 to 158° F)
Flammability Rating (Plastics)	UL 94
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 Tab
Insertion Force	QSFP+: 40N (8.9 lbf.) Max SFP+: 30N (6.7 lbf.) Max
Withdrawal Force	QSFP+: 30N (6.7 lbf.) Max SFP+: 20N (4.5 lbf.) Max
Retention Force	90N (20.2 lbf.) Min
Durability	QSFP+: 250 Cycles Min SFP+: 50 cycles Min
Cable	
Conductor	Solid
Wire Gauge	30 AWG and 28 AWG
Impedance	100 +/- 5 ohms
Construction	Twinaxial
Cable OD	30 AWG = 4.5mm (0.18 in.) 28 AWG = 4.7mm (0.19 in.)
Jacket Type	PVC or LS0H
Bend Radius	5X Cable OD - Single 10X Cable OD - Repeated

## Ordering Information:

QSFP+ to SFP+ Passive Copper Cable Assemblies

Part Number (Black PVC)	Part Number (Black LS0H)	Length	Gauge
SFPPQSFP30-00.5	SFPPQSFP3000.5L	0.5m (1.6 ft.)	30
SFPPQSFP30-01	SFPPQSFP3001L	1m (3.3 ft.)	30
SFPPQSFP30-01.5	SFPPQSFP3001.5L	1.5m (4.9 ft.)	30
SFPPQSFP30-02	SFPPQSFP3002L	2m (6.6 ft.)	30
SFPPQSFP28-02.5	SFPPQSFP2802.5L	2.5m (8.2 ft.)	28
SFPPQSFP28-03	SFPPQSFP2803L	3m (9.8 ft.)	28
SFPPQSFP28-05	SFPPQSFP2805L	5m (16.4 ft.)	28

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

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