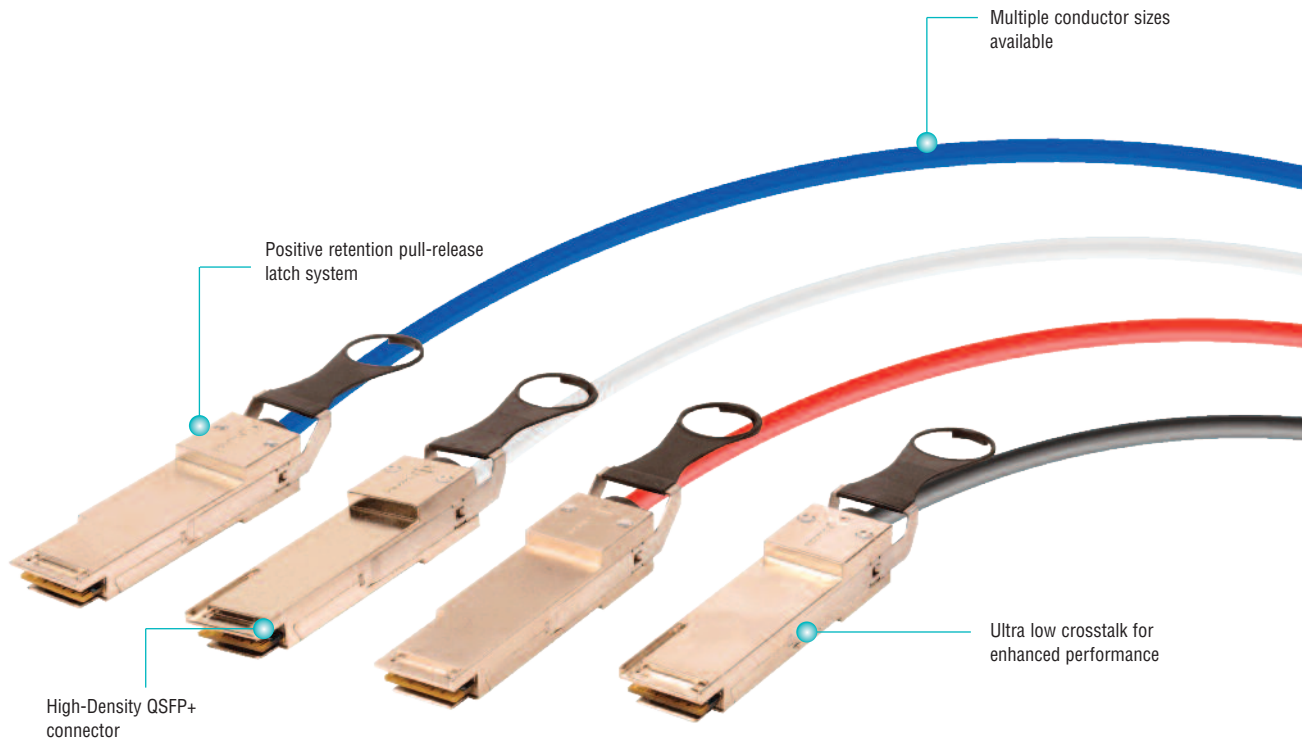


QSFP+ 40G Direct Attach Copper Cables

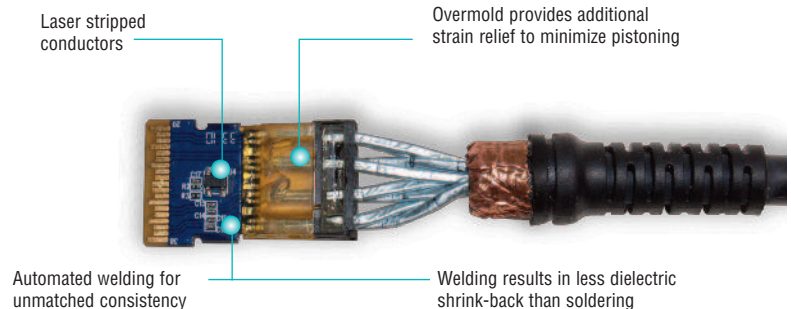
Siemon QSFP+ Passive Direct Attach Copper Cable assemblies were developed for high-density applications, offering a cost-effective, low-power option for high-speed data center interconnects. The QSFP+ form factor can replace up to four standard SFP+ connections, providing greater density and reduced system cost. The direct-attach assemblies support emerging 40Gb/s applications and are available in standard lengths up to 5 meters with longer custom lengths available.

Applications

- Infiniband 4X SDR, DDR, QDR
- Ethernet 10G, 40G
- Fiber Channel 10G, 40G, SAN
- Top-of-Rack
- Switch-to-Switch
- Switch-to-Server
- Networking
- Storage
- Hubs
- Routers
- Servers
- NIC



PCB Termination




QSFP+ 40G Direct Attach Copper Cables

Ordering Information:

QSFP+ to QSFP+ Passive Copper Cable Assemblies

Part Number (Black)	Part Number (Colored)	Length	Gauge
QSFP30-00.5(X)	QSFP30-00.5-(XX)(X)	0.5m (1.6 ft.)	30
QSFP30-01(X)	QSFP30-01-(XX)(X)	1m (3.3 ft.)	30
QSFP30-01.5(X)	QSFP30-01.5-(XX)(X)	1.5m (4.9 ft.)	30
QSFP30-02(X)	QSFP30-02-(XX)(X)	2m (6.6 ft.)	30
QSFP30-02.5(X)	QSFP30-02.5-(XX)(X)	2.5m (8.2 ft.)	30
QSFP30-03(X)	QSFP30-03-(XX)(X)	3m (9.8 ft.)	30
QSFP26-05(X)	QSFP26-05-(XX)(X)	5m (16.4 ft.)	26

Color Options Available: 

Use (X) to specify cable jacket: L = LSOH, blank = PVC
Use (XX) to specify color: 02 = White, 03 = Red, 06 = Blue

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

Standards Compliance
IBTA v2 Revision 1.3
IEEE 802.3ba
EEPROM: SFF-8436
RoHS

Plug	
Backshell Material	Nickel Plated Zinc Diecast
Contact Material	PCB with Gold-Plated Pads
Plastic Material	PA66
Latch	Positive Latching w/Pull Tab
Insertion Force	40N (8.9 lbf.) Max
Withdrawal Force	30N (6.7 lbf.) Max
Retention Force	90N (20.2 lbf.) Min
Durability	250 Cycles
Tightest Recommended Vertical Spacing (Belly to Belly)	11.80mm (0.46 in.) Center to Center
Tightest Recommended Vertical Spacing (Stacked)	17.50mm (0.69 in.) Center to Center
Cable	
Conductor	Solid
Wire Gauge	30 AWG to 26 AWG
Impedance	100 +/- 5 ohms
Construction	Twinaxial
Cable OD	30 AWG = 6.50mm (0.256 in.)
	28 AWG = 7.3mm (0.287 in.)
	26 AWG = 8mm (0.315 in.)
Jacket Type	PVC or CM/LSOH
Bend Radius	5X Cable OD -Single 10X Cable OD - Repeated

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

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