

QSFP+ 40G

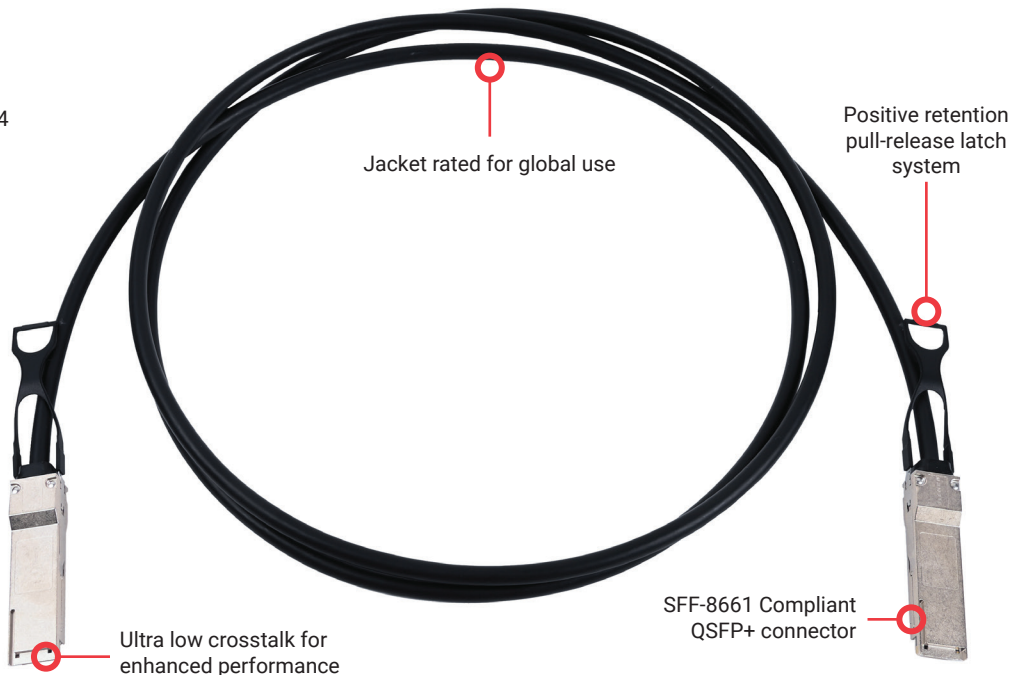
Direct Attach Copper Cables

Regional Availability - Global

Siemon QSFP+ 40G passive Direct Attach Copper Cable assemblies are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects. The direct attach assemblies (DAC) support 40G applications and are available in standard lengths up to 5 meters.

Applications

- Ethernet 40GBASE-CR4
- Infiniband QDR
- Top-of-Rack
- Rack-to-Rack
- Switch-to-Switch
- Switch-to-Server
- Network Interface Adapter
- Accelerator Cards
- Storage
- Routers
- Servers



PCB Termination



Please contact us with any questions regarding specific application such as custom labeling, immersion cooling or packaging requirements.

Color-Coded Cable Clips

Our QSFP pull tab are designed to work with the color-coded cable clips; they can be used to designate different networks or speeds. Color-coded cable clips are available in 8 different colors.

Part Number	Description
CLIP-CBL-40-(XX)	Color-coded cable clip, 4mm (0.16 in.), bag of 25 clips

Use (XX) to specify color:

- | | | | |
|------------|-------------|------------|-------------|
| 02 = White | 04 = Grey | 06 = Blue | 08 = Violet |
| 03 = Red | 05 = Yellow | 07 = Green | 09 = Orange |



Ordering Information

Part Number	Length	Gauge
QSFP30-01L	1m (3.3 ft.)	30AWG
QSFP30-01.5L	1.5m (4.9 ft.)	30AWG
QSFP30-02L	2m (6.6 ft.)	30AWG
QSFP30-02.5L	2.5m (8.2 ft.)	30AWG
QSFP30-03L	3m (9.8 ft.)	30AWG
QSFP30-05L	5m (16.4 ft.)	30AWG

Performance Specifications

Electrical

MIN Dielectric Withstand Voltage	300 VDC
Insulation Resistance	1000 MΩ
Current Rating	0.5 Amp MIN/Signal Contact

General

Operating Temperature	-5 to 75°C (23 to 167°F)
Flammability Rating (Plastics)	UL 94, CM/LS0H
Environmental	RoHS, REACH, Lead-Free
Shield	Braid/Foil
Jacket Legend	UL Number, Flammability Ratings, Cable Date Code

Connector

Backshell Material	Nickel Plated Zinc Alloy Die-cast
Contact Material	PCB with Gold-Plated Pads
Latch	Positive Latching with Pull Tab
Insertion Force	60N (13.5 lbf.) MAX
Withdrawal Force	30N (6.7 lbf.) MAX
Retention Force	90N (20.2 lbf.) MIN
Durability	250 Cycles MIN

Cable

Conductor	Solid
Wire Gauge	30AWG
Impedence	100± 5 ohms
Construction	Twinaxial
Cable OD	30 AWG = 7.5mm (0.30 in.)
Jacket Type	CM/LS0H
Bend Radius	7X Cable OD - Single 15X Cable OD - Repeated

Standards Compliance

IEEE 802.3ba
SFF-8436, SFF-8636, SFF-8661,
RoHS, REACH

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

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