

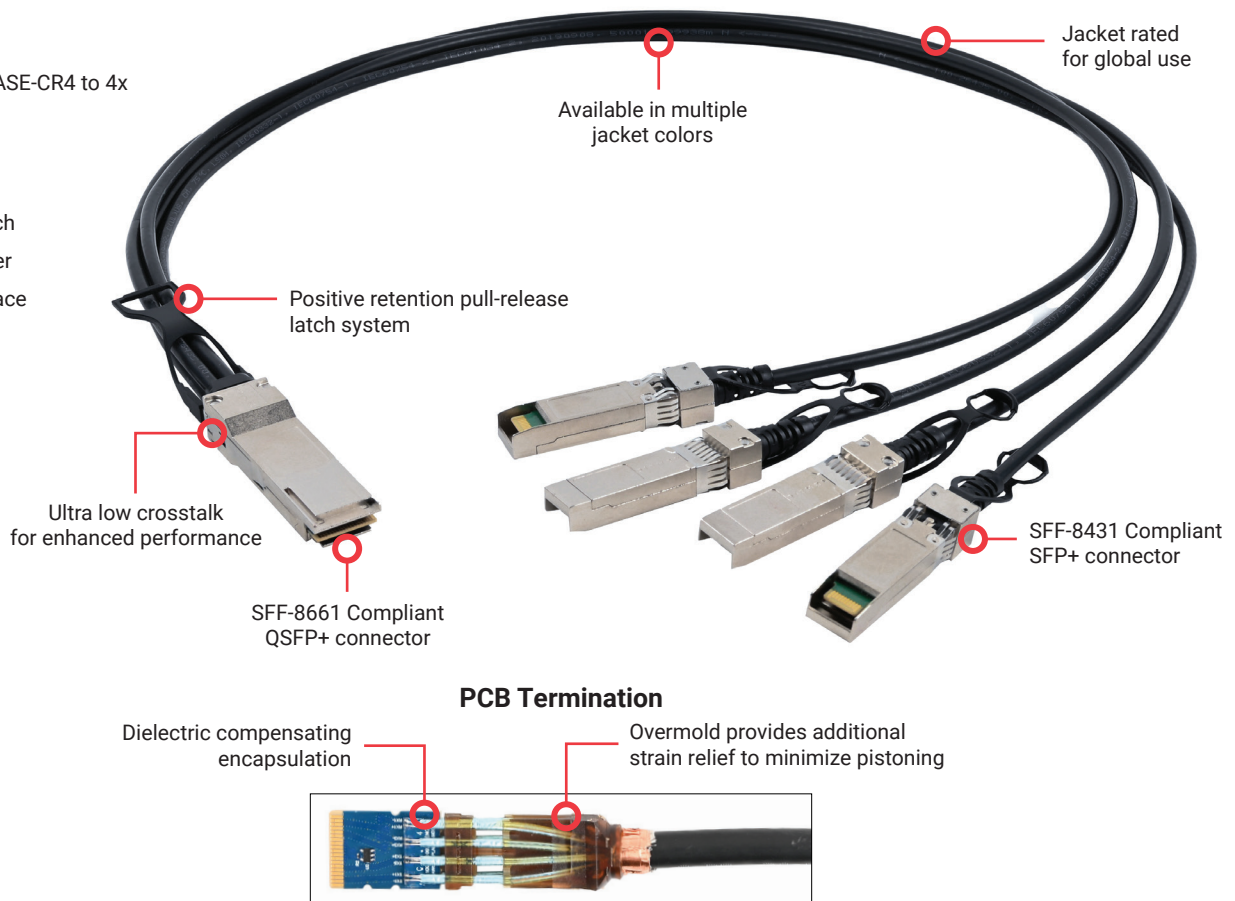
QSFP+ to 4 SFP+ 40G/10G Breakout Direct Attach Copper Cables

Regional Availability - Global

Siemon QSFP+ 40G passive breakout DAC cable allow users to separate QSFP+ 40G ports to four individual single lane SFP+ 10G ports. They 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 4 lanes of 10G (40G composite) and are available in standard lengths up to 5 meters.

Applications

- Ethernet 40GBASE-CR4 to 4x 10GBASE-CR
- Top-of-Rack
- Rack-to-Rack
- Switch-to-Switch
- Switch-to-Server
- Network Interface Adapter
- Storage
- Routers
- Servers



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

QSFP+ to 4 SFP+ Passive Copper Cable Assemblies

Part Number	Length	Gauge
Q4S10P301.0-(XX)L	1m (3.3 ft.)	30AWG
Q4S10P301.5-(XX)L	1.5m (4.9 ft.)	30AWG
Q4S10P302.0-(XX)L	2m (6.6 ft.)	30AWG
Q4S10P302.5-(XX)L	2.5m (8.2 ft.)	30AWG
Q4S10P303.0-(XX)L	3m (9.8 ft.)	30AWG
Q4S10P305.0-(XX)L	5m (16.4 ft.)	30AWG

Use (XX) to specify color: 01 = Black, 02 = White, 03 = Red, 06 = Blue

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	QSFP+: 60N (13.5 lbf.) MAX SFP+: 18N (4.0 lbf.) MAX
Withdrawal Force	QSFP+: 30N (6.7 lbf.) MAX SFP+: 12.5N (2.8 lbf.) MAX
Retention Force	90N (20.2 lbf.) MIN
Durability	250 Cycles MIN

Cable

Conductor	Solid
Wire Gauge	30AWG
Impedance	100± 5 ohms
Construction	Twinaxial
Cable OD	30AWG = 4.6mm (0.18 in.)
Jacket Type	CM/LS0H
MIN Bend Radius	7X Cable OD - Single 15X Cable OD - Repeated

Standards Compliance

QSFP+ End	IEEE 802.3ba SFF-8436, SFF-8636, SFF-8661, RoHS, REACH
SFP+ End	SFF-8431, SFF-8432, SFF-8472 RoHS, REACH

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

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