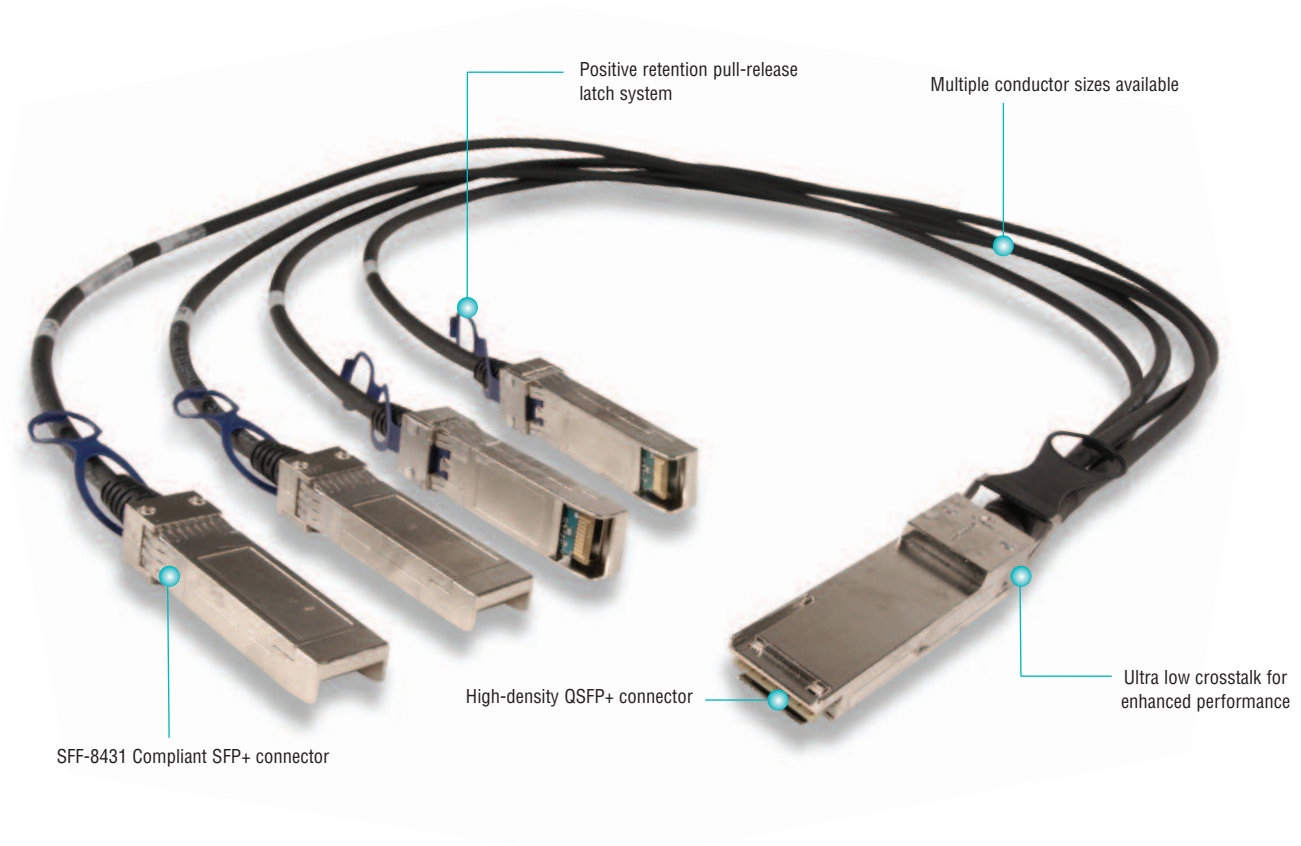


# QSFP+ to 4 SFP+ 10/40G Direct Attach Copper Cables

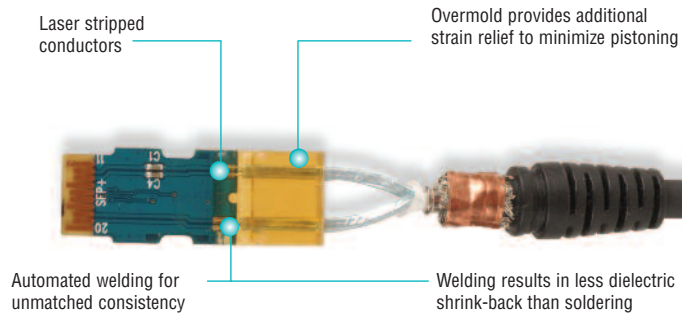
Siemon hybrid cables allow users to break out 40GB QSFP+ ports to four individual single lane 10G SFP+ ports. They offer a cost-effective, low-power option for high-speed data center interconnects. The direct attach assemblies support 4 lanes of 10Gb/s (40Gb/s composite) and are available in standard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

## Applications

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



## PCB Termination



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

## Ordering Information:

QSFP+ to 4 SFP+ Passive Copper Cable Assemblies

Part Number (Black PVC)	Part Number (Black LSOH)	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

## 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 = 4.2mm (0.165 in.)
	28 AWG = 4.7mm (0.185 in.)
Jacket Type	PVC or CM/LSOH
Bend Radius	5X Cable OD - Single 10X Cable OD - Repeated

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Standards Compliance
<b>QSFP+ End</b>
ITBA V2 Revision 1.3, IEEE 802.3ba
SFF-8436, SFF-8636
RoHS
<b>SFP+ End</b>
SFF-8431
SFF-8432
SFF-8472
RoHS

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