

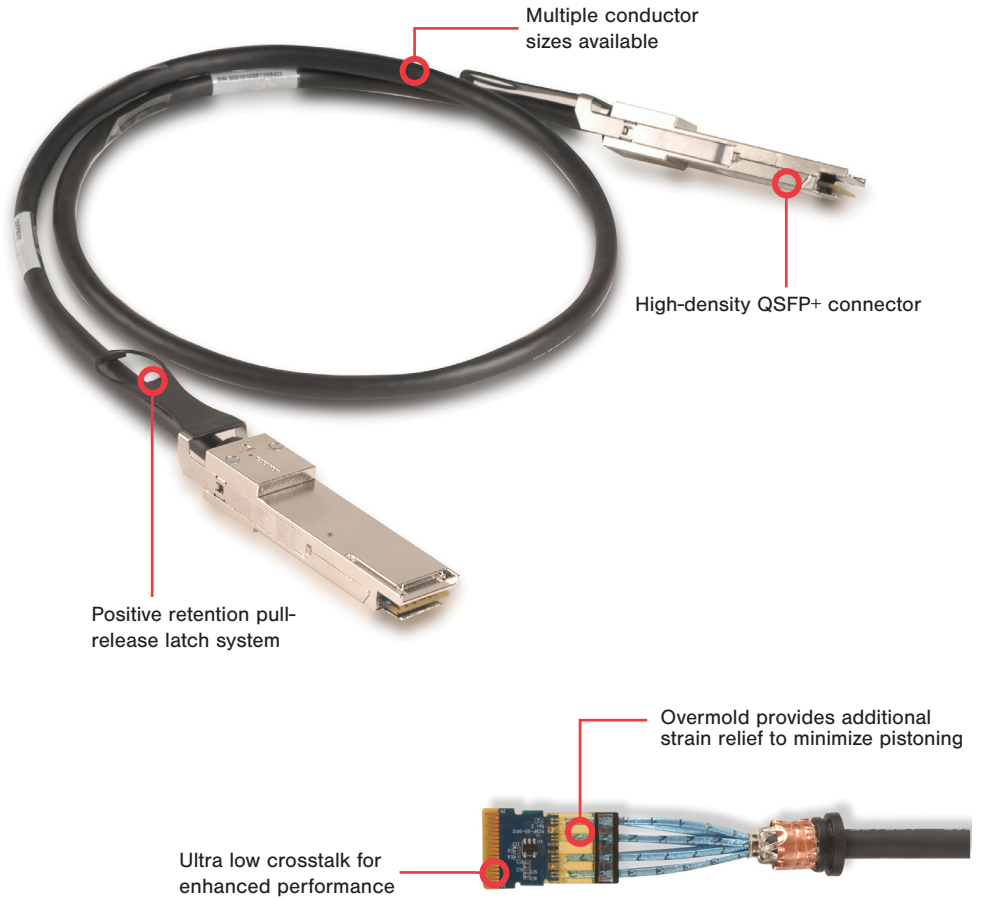
# QSFP+ 40G

## 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 applications and are available in standard lengths up to 5 meters, with longer, customer lengths available.

### APPLICATIONS

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



### ORDERING INFORMATION

BLACK	LENGTH	GAUGE
QSFP30-00.5L	0.5 M (1.6 FT.)	30
QSFP30-01L	1.0 M (3.3 FT.)	30
QSFP30-01.5L	1.5 M (4.9 FT.)	30
QSFP30-02L	2.0 M (6.6FT.)	30
QSFP30-02.5L	2.5M (8.2FT.)	30
QSFP30-03L	3.0 M (9.8 FT.)	30
QSFP26-05L	5.0 M (16.4 FT.)	26

# Product Information

## PERFORMANCE SPECIFICATIONS

### ELECTRICAL

<b>MIN. DIELECTRIC WITHSTAND VOLTAGE</b>	300 VDC
<b>INSULATION RESISTANCE</b>	1000 MOHMS
<b>CURRENT RATING</b>	0.5 A MIN/SIGNAL CONTACT

### GENERAL

<b>OPERATING TEMPERATURE</b>	0 TO 70°C (32 TO 158°F)
<b>FLAMMABILITY RATING (PLASTICS)</b>	UL94
<b>GREEN FEATURES</b>	RoHS, LEAD-FREE
<b>SHIELD</b>	BRAID/FOIL
<b>MARKING</b>	MFG NAME, PART #, DATE CODE

### PLUG

<b>BACKSHELL MATERIAL</b>	NICKEL PLATED ZINC DIE-CAST
<b>CONTACT MATERIAL</b>	PCB WITH GOLD-PLATED PADS
<b>PLASTIC MATERIAL</b>	PA66
<b>LATCH</b>	POSITIVE LATCHING W/PULL TAB
<b>INSERTION FORCE</b>	40N (8.9 LBF.) MAX
<b>WITHDRAWAL FORCE</b>	30N (6.7 LBF.) MAX
<b>RETENTION FORCE</b>	90N (20.2 LBF.) MIN
<b>DURABILITY</b>	250 CYCLES
<b>TIGHTEST RECOMMENDED VERTICAL SPACING (BELLY TO BELLY)</b>	11.80MM (0.46 IN.) CENTER TO CENTER
<b>TIGHTEST RECOMMENDED VERTICAL SPACING (STACKED)</b>	17.50MM (0.69IN.) CENTER TO CENTER

### CABLE

<b>CONDUCTOR</b>	SOLID
<b>WIRE GAUGE</b>	30 AWG AND 26 AWG
<b>IMPEDANCE</b>	100 ±5 OHMS
<b>CONSTRUCTION</b>	TWIN AXIAL
<b>CABLE OD</b>	30 AWG - 6.50 MM (0.256 IN) 26 AWG - 8 MM (0.315 In.)
<b>JACKET TYPE</b>	CM/LSOH
<b>BEND RADIUS</b>	5X CABLE OD = SINGLE 10X CABLE OD = REPEATED

### STANDARDS COMPLIANCE

IEEE 802.3ba
EEPROM-SFF-8436
RoHS
IBTA v2 REVISION 1.3

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

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