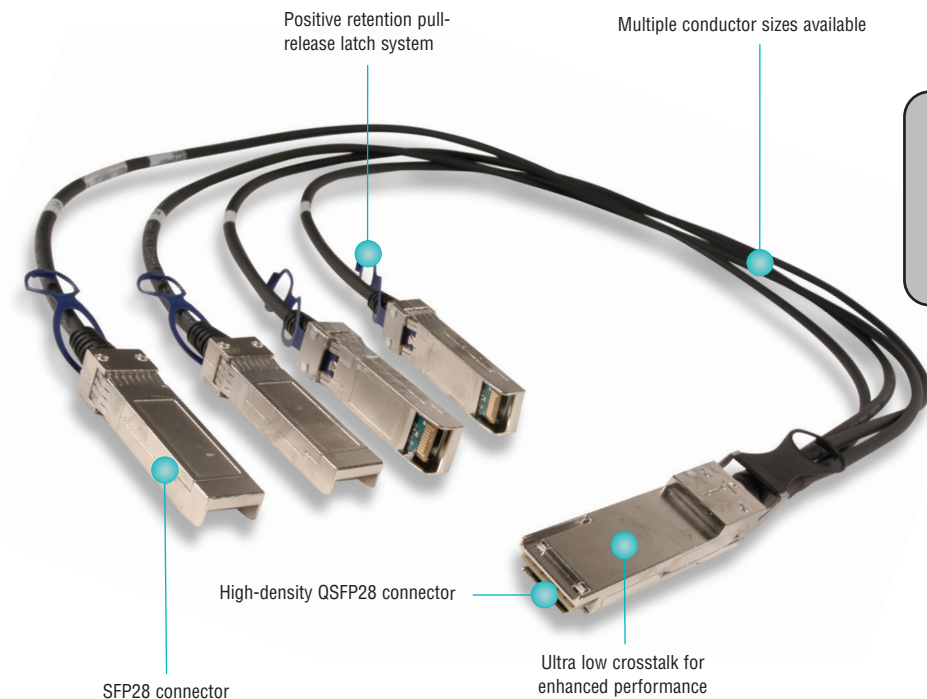


Siemon QSFP28 to 4 SFP28 100G Passive Copper Assemblies

Siemon Interconnect Solutions QSFP28 to 4 SFP28 Passive Copper Cable assemblies are “Connecting The World To A Higher Standard” by exceeding 100G Ethernet (100GBASE-CR4) specifications. They are designed for high-density applications, offering a cost effective, low-power option for high-speed data center interconnects. This next generation product shares the same mating interface with QSFP+ (SFF-8436) and SFP+ (SFF-8431) form factors, making it backward compatible with existing QSFP+ and SFP+ equipment ports. These direct-attach assemblies are available in standard lengths up to 5 meters for 100G 4x25G Ethernet applications.



STANDARDS COMPLIANCE

- Electrical: IBTA V2 Revision 1.3.1, IEEE 802.3bj
- SFF-8636, SFF-8661, SFF-8665, SFF-8679
- RoHS

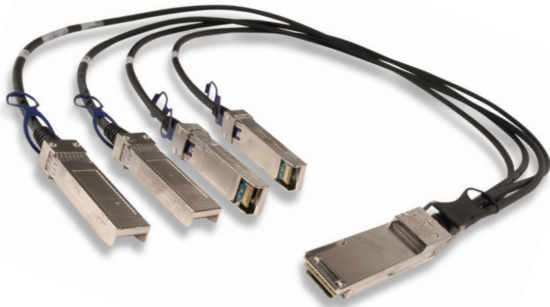
APPLICATIONS

- InfiniBand 4x SDR, DDR, QDR, EDR
- Ethernet 10G, 40G, 100G (100GBASE-CR4)
- Inner Rack System, Rack-to-Rack, Shelf-to-Shelf Interconnect
- Networking
- Storage
- Top of Rack (ToR), Core Switch, routers, servers

Product Information

PERFORMANCE SPECIFICATIONS

Electrical	
Min. Dielectric Withstand Voltage	300 VDC
Insulation Resistance	1000 MΩ
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 (9.0 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
Impedence	100 +/- 5 ohms
Construction	Twinaxial
Jacket Type	PVC
Bend Radius	5X Cable OD - Single 10X Cable OD - Repeated

Ordering Information:

QSFP28 to SFP28 Passive Copper Cable Assemblies

Part Number	Length	Gauge
QSFP284S30-00.5	0.5m (1.6 ft.)	30
QSFP284S30-01	1m (3.3 ft.)	30
QSFP284S28-01.5	1.5m (4.9 ft.)	28
QSFP284S28-02	2m (6.6 ft.)	28
QSFP284S28-02.5	2.5m (8.2 ft.)	28
QSFP284S28-03	3m (9.8 ft.)	28
QSFP284S24-05	5m (16.4 ft.)	24

**Worldwide Headquarters
North America**
Watertown, CT USA
Phone (1) 860 945 4200 US
Phone (1) 888 425 6165

**Regional Headquarters
EMEA**
Europe/Middle East/Africa
Surrey, England
Phone (44) 0 1932 571771

**Regional Headquarters
Asia/Pacific**
Shanghai, P.R. China
Phone (86) 21 5385 0303

**Regional Headquarters
Latin America**
Bogota, Colombia
Phone (571) 657 1950

**Siemon Interconnect
Solutions**
Watertown, CT USA
Phone (1) 860 945 4213 US
www.siemon.com/SIS