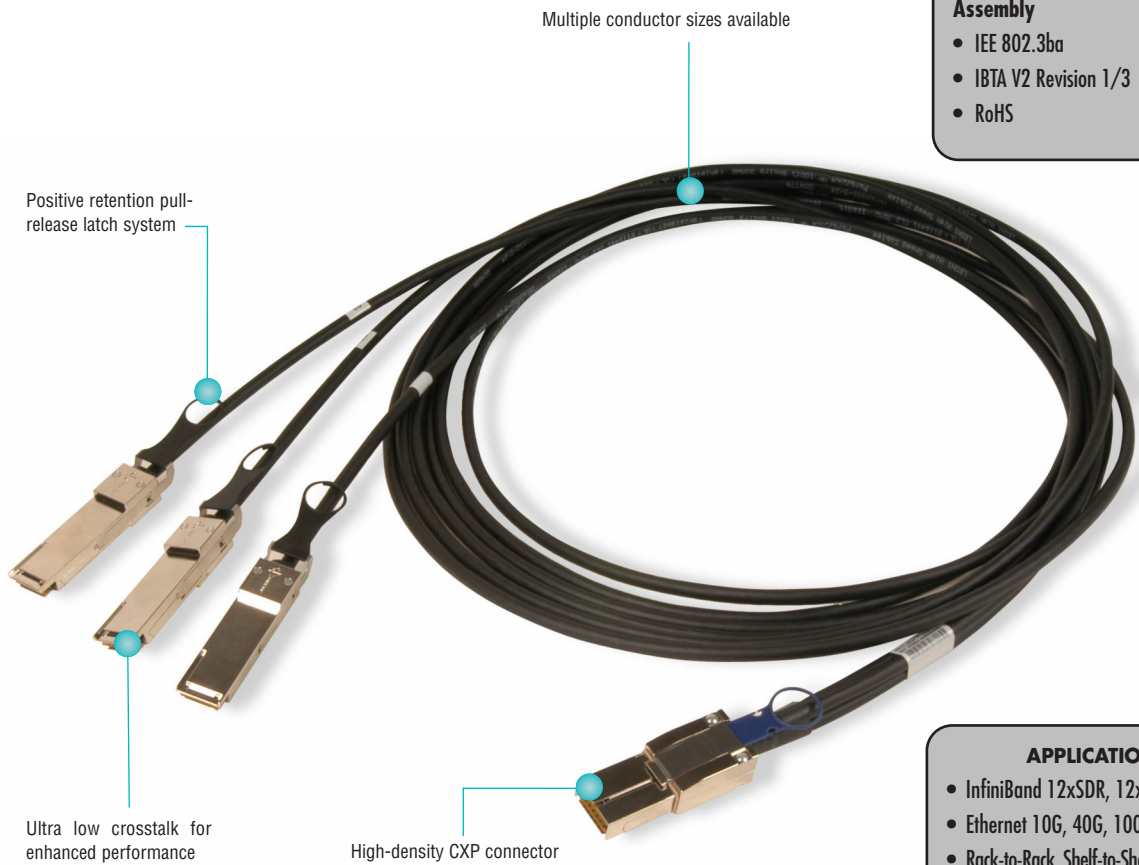


CXP to 3 QSFP+ Breakout Passive Copper Assemblies

Siemon CXP to 3 QSFP+ Copper Cable assemblies allow users to connect CXP and QSFP+ equipment together. Compliant with both CXP and QSFP+ specifications, this breakout cable provides a cost effective, low-power option for high-density, high-speed data center interconnects. The CXP form factor can replace up to three standard QSFP+ connections, providing greater density and reduced system cost. These direct-attach assemblies support emerging 100 Gb/s applications and are available in standard lengths up to 3 meters with longer custom lengths available.



STANDARDS COMPLIANCE

QSFP+ End

- SFF-8436

CXP End

- SFF-8642

Assembly

- IEE 802.3ba
- IBTA V2 Revision 1/3
- RoHS

APPLICATIONS

- InfiniBand 12xSDR, 12xDDR, 12xQDR
- Ethernet 10G, 40G, 100G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- Networking, NIC
- Storage: DAS, SAN, NAS
- Hubs, switches, routers, servers

Product Information

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
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
Plastic Material	Nylon
Latch	Positive Latching w/Pull Tab
Insertion Force	CXP: 150N Max: QSFP+ 40 N Max.
Withdrawal Force	CXP: 50N Max: QSFP+ 30 N Max.
Durability	250 Cycles
CXP Tightest Recommended Horizontal Spacing	27.00mm Center to Center
CXP Tightest Recommended Vertical Spacing (Stacked)	16.50mm Center to Center
Cable	
Conductor	Solid
Wire Gauge	30 AWG to 26 AWG
Impedence	100 +/- 5 ohms
Construction	Twinaxial
Cable OD	30AWG = 9.5mm
	28AWG = 11mm
Jacket Type	PVC
Bend Radius	5X Cable OD -Single 10X Cable OD - Repeated

Ordering Information:

CXP to QSFP+ Passive Copper Cable Assemblies

Part Number	Length	Gauge
CXPQSFP30-01	1m	30
CXPQSFP30-02	2m	30
CXPQSFP28-03	3m	28

Maximum Lengths

Gauge	IBTA DDR	IBTA QDR	IEEE 802.3ba
30	4m	2m	2m
28	6m	3m	3m

CXP27-04 is not guaranteed to meet IBTA QDR or IEEE 802.3ba inserstion loss requirements.

**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