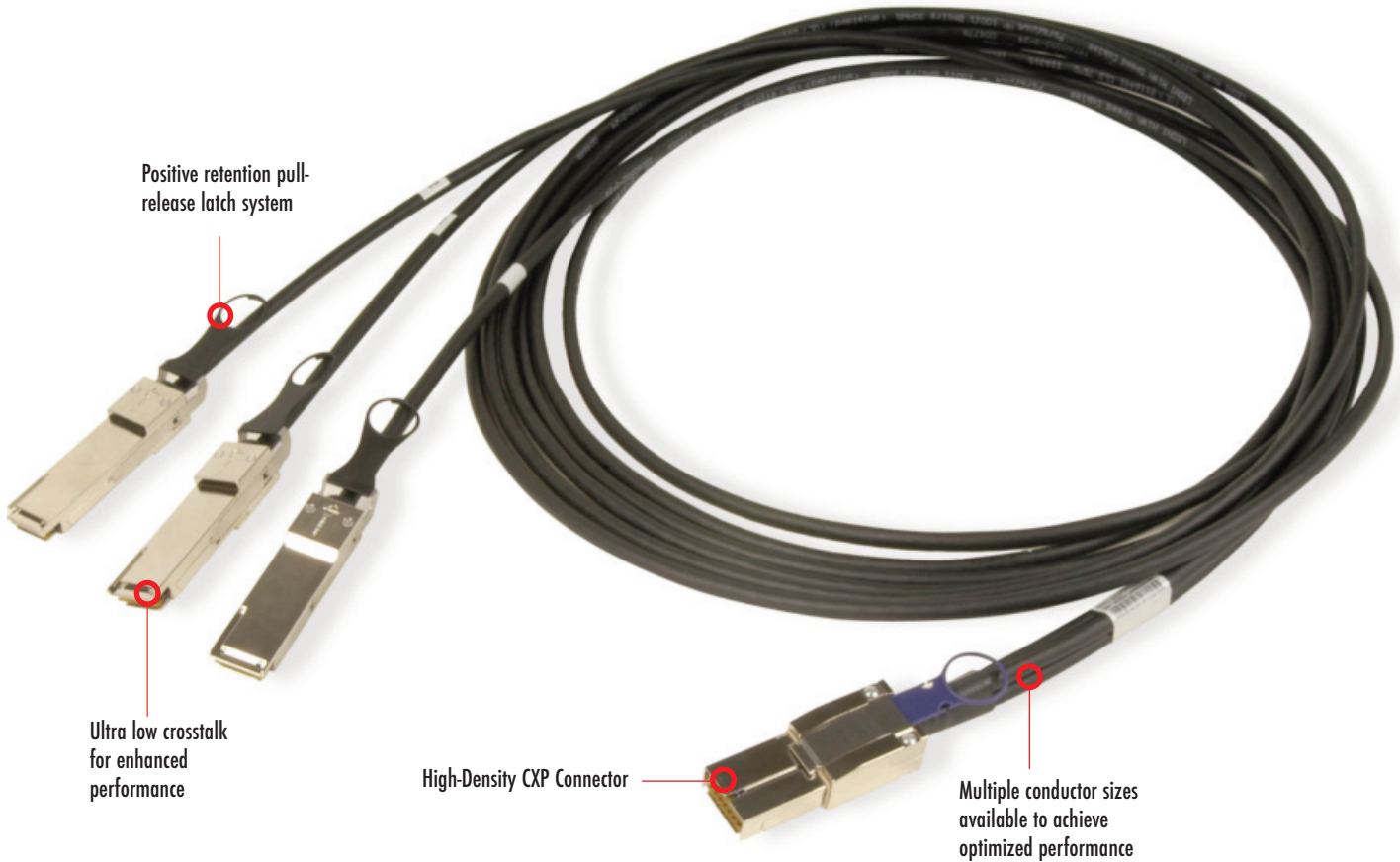


# Siemon CXP to 3 QSFP+ Breakout Passive Copper Assemblies

Siemon Interconnect Solutions 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. The direct-attach assemblies support emerging 100Gb/s applications and are available in standard lengths up to 3 meters with longer custom lengths available.

HIGH SPEED INTERCONNECT



Positive retention pull-release latch system

Ultra low crosstalk for enhanced performance

High-Density CXP Connector

Multiple conductor sizes available to achieve optimized performance

## 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

## STANDARDS COMPLIANCE

- QSFP+ End
  - SFF-8436
- CXP End
  - SFF-8642
- Assembly
  - IEEE 802.3ba
  - IBTA V2 Revision 1.3
  - RoHS

CONNECTING THE WORLD TO A HIGHER STANDARD

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INTERCONNECT SOLUTIONS

# Siemon CXP to 3 QSFP+ Breakout Passive Copper Assemblies

## 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
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	27.00 mm Center to Center
CXP Tightest Recommended Vertical Spacing (Stacked)	16.50 mm Center to Center
Cable	
Conductor	Solid
Wire Gauge	30 AWG to 26 AWG
Impedance	100 +/- 5 ohms
Construction	Twinaxial
Cable OD	30 AWG = 9.5mm (0.374 in.)
	28 AWG = 11mm (0.433 in.)
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 (Meters)	Gauge
CXPQSFP30-01	1	30
CXPQSFP30-02	2	30
CXPQSFP28-03	3	28

## Maximum Lengths:

Gauge	IBTA DDR (meters)	IBTA QDR (meters)	IEEE 802.3ba (meters)
30	4	2	2
28	6	3	3

**Note:** Contact customer service for additional lengths

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

### For additional resource information:

Visit our web site at [www.siemon.com/SIS](http://www.siemon.com/SIS)

### Siemon Interconnect Solutions

Watertown, CT USA

Phone (1) 860 945-4213

E-Mail - Customer Service. - [IS\\_customerservice@siemon.com](mailto:IS_customerservice@siemon.com)

E-Mail - Technical Support. - [IS\\_techsupport@siemon.com](mailto:IS_techsupport@siemon.com)

