

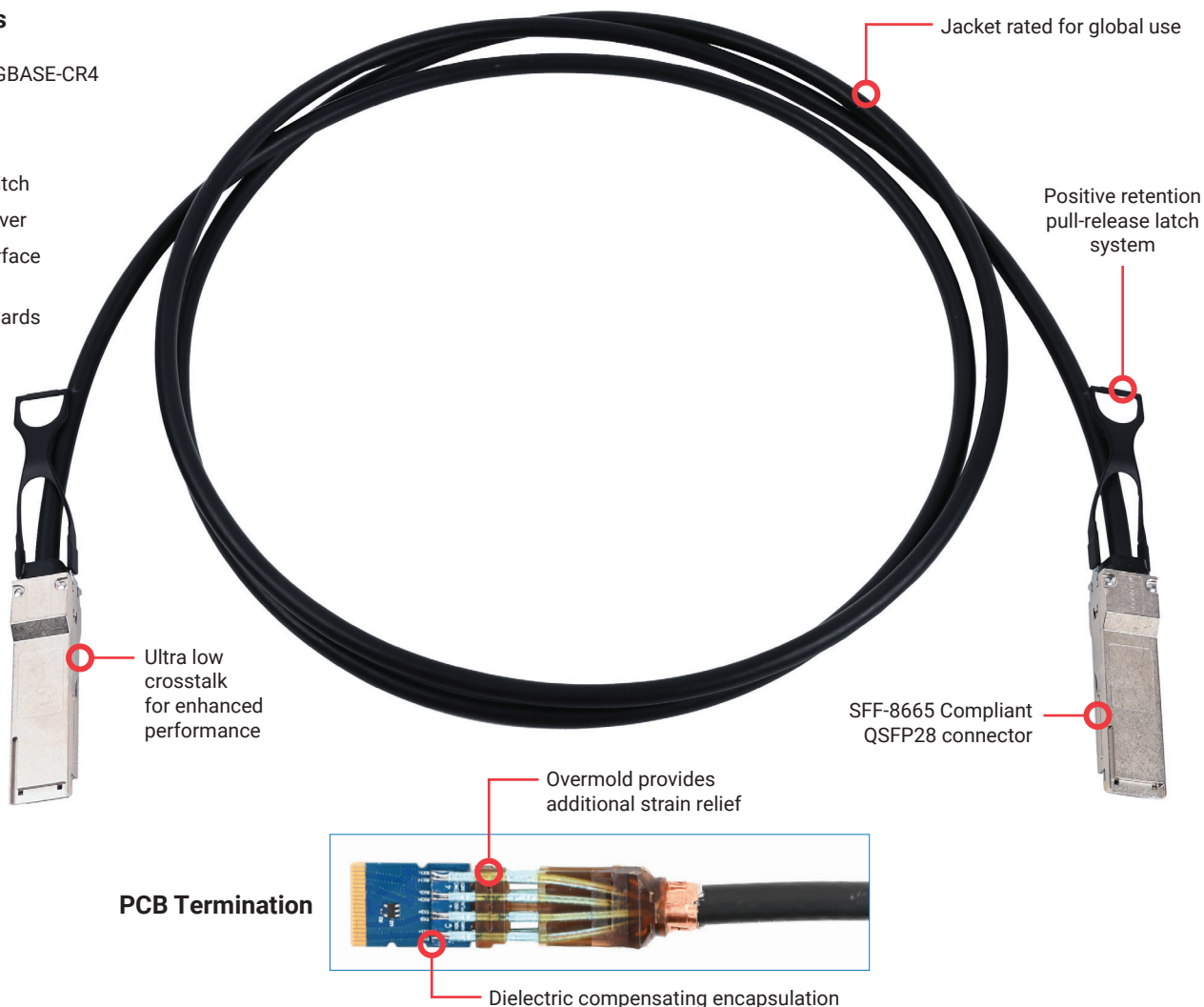
QSFP28 100G Direct Attach Copper Cables

Regional Availability - Global

Siemon QSFP28 100G passive Direct Attach Copper Cable assemblies are designed to exceed industry standard performance offering a cost-effective, low latency, low-power option for high-speed data center interconnects. The direct attach cable assemblies (DAC) support 100G applications and are available in standard lengths up to 4.5 meters.

Applications

- Ethernet 100GBASE-CR4
- Top-of-Rack
- Rack-to-Rack
- Switch-to-Switch
- Switch-to-Server
- Network Interface Adapter
- Accelerator Cards
- Storage
- Routers
- Servers



Please contact us with any questions regarding specific application such as custom labeling, immersion cooling or packaging requirements.



Color-Coded Cable Clips

Our QSFP pull tab are designed to work with Siemon's color-coded cable clips; they can be used to designate different networks or speeds. Color-coded cable clips are available in 8 different colors.

Part Number: CLIP-CBL-40-(XX)

Description: Color-coded cable clip, 4mm (0.16 in.), bag of 25 clips

Use (XX) to specify color:

02 = White

04 = Grey

06 = Blue

08 = Violet

03 = Red

05 = Yellow

07 = Green

09 = Orange

Ordering Information

QSFP28 to QSFP28 Passive Copper Cable Assemblies

Length		Standard Part Number*	Gauge	No FEC Part Number**	Gauge
0.5m	1.6 ft.	Q1Q28P300.5F01L	30AWG	Q1Q28P300.5-01L	30AWG
1.0m	3.3 ft.	Q1Q28P301.0F01L	30AWG	Q1Q28P301.0-01L	30AWG
1.5m	4.9 ft.	Q1Q28P301.5F01L	30AWG	Q1Q28P301.5-01L	30AWG
2.0m	6.6 ft.	Q1Q28P302.0F01L	30AWG	Q1Q28P302.0-01L	30AWG
2.5m	8.2 ft.	Q1Q28P302.5F01L	30AWG	Q1Q28P262.5-01L	26AWG
3.0m	9.8 ft.	Q1Q28P303.0F01L	30AWG	Q1Q28P263.0-01L	26AWG
4.5m	14.8 ft.	Q1Q28P264.5F01L	26AWG		

*Compliant to IEEE 802.3bj, CA-L
Will only work with RS-FEC.

**Compliant to IEEE 802.3by, CA-N

Standards Compliance

IEEE 802.3by, IEEE 802.3bj

SFF-8636, SFF-8661, SFF-8665, SFF-8697

RoHS, REACH

Connector

Backshell Material	Nickel Plated Zinc Alloy Die-cast
Contact Material	PCB with Gold-Plated Pads
Latch	Positive Latching with Pull Tab Release
Insertion Force	60N (13.5 lbf.) MAX
Withdrawal Force	30N (6.7 lbf.) MAX
Retention Force	90N (20.2 lbf.) MIN
Durability	250 Cycles MIN

Cable

Conductor	Solid
Wire Gauge	30AWG and 26AWG
Impedence	100± 5 ohms
Construction	Twinaxial
Cable OD	30AWG = 7.5mm (0.30 in.) 26AWG = 9.8mm (0.42 in.)
Jacket Type	CM/LS0H
Bend Radius	7X Cable OD - Single 15X Cable OD - Repeated

Performance Specifications

Electrical

MIN Dielectric Withstand Voltage	300 VDC
Insulation Resistance	1000 MΩ
Current Rating	0.5 Amp MIN/Signal Contact

General

Operating Temperature	-5 to 75°C (23 to 167°F)
Flammability Rating (Plastics)	UL 94, CM/LS0H
Environmental	RoHS, REACH, Lead-Free
Shield	Braid/Foil
Jacket Legend	UL Number, Flammability Ratings, Cable Date Code

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

North America
P: (1) 860 945 4200

Asia Pacific
P: (61) 2 8977 7500

Latin America
P: (571) 657 1950/51/52

Europe
P: (44) 0 1932 571771

China
P: (86) 215385 0303

India, Middle East & Africa
P: (971) 4 3689743

Siemon Interconnect Solutions
P: (1) 860 945 4213
www.siemon.com/SIS

Mexico
P: (521) 556 387 7708/09/10