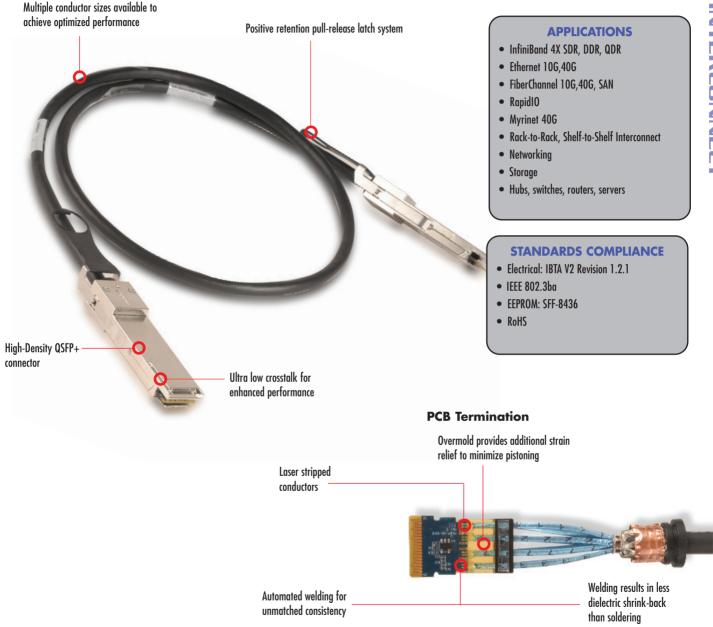
Siemon QSFP+ Passive Copper Assemblies

Siemon Interconnect Solutions QSFP+ 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 (Quad SFP+) can replace up to four standard SFP+ connections, providing greater density and reduced system cost. The direct-attach assemblies support emerging 40Gb/s applications and are available in standard lengths up to 6 meters with longer custom lengths available.





Siemon QSFP+ 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	

Ordering Information:

QSFP+ to QSFP+ Passive Copper Cable Assemblies

Part Number	Length (Meters)	Gauge
QSFP30-00.5	0.5	30
QSFP30-01	1	30
QSFP30-01.5	1.5	30
QSFP30-02	2	30
QSFP30-02.5	2.5	30
QSFP30-03	3	30
QSFP26-05	5	26
QSFP24-06	6	24

Maximum Lengths

Gauge	IBTA DDR (meters)	IBTA QDR¹ (meters)	IEEE 802.3ba (meters)
30	5	3	3
28	7	4	4
26	8	5 ²	5
24	10	6	n/a

- 1 Per IBTA cable MOI VO.69: -13dB @5GHz
- 2 May not meet IBTA QDR insertion loss limits but is acceptable for most InfiniBand and all Ethernet applications

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.

Plug			
Backshell Material	Nickel Plated Zinc Diecast		
Contact Material	PCB with Gold-Plated Pads		
Plastic Material	PA66		
Latch	Positive Latching w/Pull Tab		
Insertion Force	40N Max.		
Withdrawal Force	30N Max.		
Retention Force	90N Min.		
Durability	250 Cycles		
Tightest Recommended Vertical Spacing (Belly to Belly)	11.80 mm Center to Center		
Tightest Recommended Vertical Spacing (Stacked)	17.50 mm Center to Center		
Cable			
Conductor	Solid		
Wire Gauge	30 AWG to 24 AWG		
Impedence	100 +/- 5 ohms		
Construction	Twinaxial		
Cable OD	30 AWG = 6.50mm (0.256 in)		
	28 AWG = 7.49mm (0.295 in)		
	26 AWG = 8.61mm (0.339 in)		
	24 AWG = 9.70mm (0.382 in)		
Jacket Type	PVC		
Bend Radius	5X Cable OD -Single 10X Cable OD - Repeated		

For additional resource information:

Visit our web site at www.siemon.com/SIS

Siemon Interconnect Solutions

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