

851-0209-OPC

EMC® 851-0209 Compatible TAA Compliant 40GBase-CU QSFP+ Direct Attach Cable (Passive Twinax, 3m)

Features

- Full duplex 4 channel parallel passive optical cable
- Transmission data rate up to 10.3Gbps per channel
- SFF-8436 QSFP+ compliant
- Hot pluggable electrical interface
- Low power consumption
- Housing isolated from connector ground
- Operating Temperature: 0 to 70 Celsius
- 3.3V power supply voltage
- RoHS Compliant and Lead-Free



Applications:

- Serial Data Transmission

Product Description

This is a EMC® 851-0209 compatible 40GBase-CU QSFP+ to QSFP+ direct attach cable that operates over passive copper with a maximum reach of 3.0m (9.8ft). It has been programmed, uniquely serialized, and data-traffic and application tested to ensure it is 100% compliant and functional. This direct attach cable is TAA (Trade Agreements Act) compliant, and is built to comply with MSA (Multi-Source Agreement) standards. We stand behind the quality of our products and proudly offer a limited lifetime warranty.

Specifications

Parameter	Specifications	Unit
Minimum Dielectric Withstand Voltage	300	VDC
Insulation Resistance	1000	MΩ
Current Rating	0.5 Amp Minimum/Signal Contact	
Operating Temperature	0 to 70	°C
Flammability Rating (Plastics)	UL 94	
Shield	Braid/Foil	
Connector		
Back Shell Material	Nickel-Plated Zinc Diecast	
Contact Material	PCB with Gold-Plated Pads	
Maximum Insertion Force	40	N
Maximum Withdrawal Force	30	N
Durability	250	Cycles
Tightest Recommended Vertical Spacing (Belly-to-Belly)	11.80	mm
Tightest Recommended Vertical Spacing (Stacked)	17.50	mm
Cable		
Conductor	Solid	
Wire Gauge	28	AWG
Impedance	100±5	Ω
Construction	Twinaxial	
Jacket Type	PVC	

Mechanical Specifications

