

QSFP-40G-PDAC5M-C
40GBASE-CU QSFP+ DAC
PASSIVE TWINAX, 5M



QSFP-40G-PDAC5M-C

MSA and TAA Compliant 40GBase-CU QSFP+ Direct Attach Cable (Passive Twinax, 5m)

Features

- Full duplex 4 channel parallel passive optical cable
- Transmission data rate up to 10.3Gbit/s per channel
- SFF-8436 QSFP+ compliant
- Hot pluggable electrical interface
- Low power consumption
- 28 AWG wire gauge
- Housing isolated from connector ground
- Operating case temperature 0°C to +70°C
- 3.3V power supply voltage
- RoHS 6 compliant



Product Description

This is an MSA compliant 40GBase-CU QSFP+ to QSFP+ direct attach cable that operates over passive copper with a maximum reach of 5.0m (16.4ft). 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.

Prolabs's QSFP+ direct attach cables are RoHS compliant and lead free.

TAA refers to the Trade Agreements Act (19 U.S.C. & 2501-2581), which is intended to foster fair and open international trade. TAA requires that the U.S. Government may acquire only "U.S. – made or designated country end products."



Specifications

Parameter		Unit
Min. Dielectric Withstand Voltage	300	VDC
Insulation Resistance	1000	Mohms
Current Rating	0.5 Amp Min/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	
Max. Insertion Force	40	N
Max. 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	ohms
Construction	Twinaxial	
Jacket Type	PVC	

Mechanical Specifications

