

QSFP+ to QSFP+ 40Gb Passive DAC Copper Infiniband Cable, 0.5M (20-in.)

MODEL NUMBER: **N282-20N-BK**



Description

Tripp Lite's 0.5M (20-in.) QSFP+ 40GBASE-CR4 / 802.3ba qualified passive copper cable provides next generation performance by combining four 10 Gb/s SFP+ channels into one affordable high-density package. Our QSFP+ cables integrate a new 40G Ethernet-optimized (40GbE) 38-position "board-as-connector" design, with zinc die-cast backshells for superior EMI resistance, minimal insertion loss, and improved cross-talk performance. Cable features 8-pair wire technology optimized for bandwidth-intensive applications including 40-Gigabit Ethernet (40GBASE-CR4), 6G SAS, Fibre Channel and SONET. Flexible 30 AWG conductors maintain a smooth, high-frequency response (20 GHz). Each 1m (3.3-ft) length QSFP+ cable goes through a rigorous assembly and test procedure aimed at eliminating unnecessary signal loss. Our cables are fully compliant to the QSFP+ MSA and SFF-8436 architecture for guaranteed compatibility with all QSFP and QSFP+ ports.

Features

- 0.5M (20-in.) QSFP+ to QSFP+ 40Gb Passive DAC Copper Infiniband cable
- Meets or Exceeds strict 40-Gigabit Ethernet 40GBase-CR4 standards
- SDR, DDR, and QDR Compatible
- QSFP+ to QSFP+ 30AWG SFF-8436 compliant cable and connector
- Up to 10.3125 Gbps transfer rate per channel (40Gb aggregate)
- Multi-platform support for 40Gb, SAS, Fibre Channel, and SONET
- Zinc die-cast QSFP+ connectors with "Pull-to-Release" latching
- Fully compliant to latest QSFP+ MSA (Multi Source Agreement)
- Lower port cost and reduced power budget vs Fiber Optics
- RoHS, SFF-8436, and IEEE 802.3ba Compliant
- BER better than 10^{12}

Highlights

- 40Gbps QSFP+ to QSFP+ 0.5M (20-in.) patch cable
- Meets or Exceeds 40-Gigabit Ethernet 40GBASE-CR4 standards
- Fully compliant to the latest QSFP+ MSA (Multi Source Agreement)
- SDR, DDR, and QDR Compatible

System Requirements

- Networking Switch or other hardware with open QSFP+ Port(s)

Package Includes

- 0.5M (20-in.) QSFP+ to QSFP+ High Speed Passive Copper 40GB Cable



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Specifications

OVERVIEW	
UPC Code	037332186096
INPUT	
Cable Length (ft.)	1.7
Cable Length (m)	0.51
Cable Length (in.)	20
Cable Length (cm)	50.80
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / cm)	30.48 x 26.67 x 1.27
Shipping Dimensions (hwd / in.)	12.00 x 10.50 x 0.50
Shipping Weight (kg)	0.10
Shipping Weight (lbs.)	0.23
CONNECTIONS	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)
FEATURES & SPECIFICATIONS	
Technology	SFP+/QSPP+/QSFP28
STANDARDS & COMPLIANCE	
Certifications	MSA SFF-8436 and RoHS compliant
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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<https://www.tripplite.com/products/product-certification-agencies>