

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-intense 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 10¹²

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



Specifications

| OVERVIEW | |
|-------------------------------------|---------------------------------|
| UPC Code | 037332186096 |
| Technology | SFP+/QSFP+/QSFP28 |
| INPUT | |
| Cable Length (ft.) | 1.7 |
| Cable Length (m) | 0.51 |
| Cable Length (in.) | 20 |
| Cable Length (cm) | 50.80 |
| PHYSICAL | |
| Wire Gauge (AWG) | 30 |
| Shipping Dimensions (hwd / in.) | 12.000 x 10.500 x 0.500 |
| Shipping Dimensions (hwd / cm) | 30.48 x 26.67 x 1.27 |
| Shipping Weight (lbs.) | 0.2300 |
| Shipping Weight (kg) | 0.10 |
| Color | Black |
| CONNECTIONS | |
| Side A - Connector 1 | QSFP+ (MALE) |
| Side B - Connector 1 | QSFP+ (MALE) |
| CERTIFICATIONS | |
| Certifications | MSA SFF-8436 and RoHS compliant |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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