

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Tripp Lite](#)  
[N282-05M-BK](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.triplite.com

## QSFP+ to QSFP+ 40Gb Passive DAC Copper Infiniband Cable, 5M (16-ft.)

MODEL NUMBER: **N282-05M-BK**



### Description

Tripp Lite's 5m QSFP+ (QSFP Plus) 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 24 AWG conductors maintain a smooth, high-frequency response (20 GHz). Each 5m (16.4-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

- 5 Meter 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+ 24AWG 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  $10^{12}$

## Specifications

INPUT

### Highlights

- 40Gbps QSFP+ to QSFP+ 5 Meter 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

- 5 Meter, QSFP+ to QSFP+ High Speed Passive Copper 40GB Cable



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

Cable Length (ft.)	16.4
Cable Length (m)	5
<b>PHYSICAL</b>	
Color	Black
<b>CONNECTIONS</b>	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)
<b>CERTIFICATIONS</b>	
Certifications	MSA SFF-8436 and RoHS compliant
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2016 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:  
<http://www.tripplite.com/products/product-certification-agencies>