

## QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable (M/M), 1 m (3 ft.)

MODEL NUMBER: **N282-01M-28-BK**



### Description

The N282-01M-28-BK QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable provides next-generation performance by combining four 28 Gbps SFP channels into one high-density cable. It's ideal for connecting active network equipment in data centers, high-end servers and enterprise wiring closets.

This one-meter copper cable integrates a 100G Ethernet-optimized (100 GbE) 38-position "board-as-connector" design with zinc die-cast male QSFP+ connectors for superior EMI resistance, minimal insertion loss and low crosstalk for better performance. Ergonomic pull-tab ejectors make connecting to equipment a quick, easy task. Eight-pair wire technology is optimized for bandwidth-intense applications, including 100-Gigabit Ethernet (100GBASE-CR4), 128G Fibre Channel and EDR 4x InfiniBand.

Flexible 26 AWG conductors maintain a smooth high-frequency response. The N282-01M-28-BK undergoes a rigorous assembly and testing procedure aimed at eliminating unnecessary signal loss. It's fully compliant with the MSA (Multi-Source Agreement) SFF-8665 architecture for guaranteed compatibility with all QSFP and QSFP+ ports, as well as RoHS and IEEE 802.3bj.

### Features

#### Connect Network Equipment at Speeds Up to 100 Gbps

- Combines four 28 Gbps SFP channels into single high-density cable
- Ideal for data centers, high-end servers and enterprise wiring closets
- Multi-platform support for 128G Fibre Channel and EDR InfiniBand
- Lower port cost and power budget when compared to fiber optics

#### Top-of-the-Line Construction

- 100 GbE 38-position "board-as-connector" design
- Zinc die-cast male QSFP+ connectors for superior EMI resistance
- Ergonomic pull-tab ejectors for quick, easy connections
- 8-pair wire technology optimized for bandwidth-intense applications

### Highlights

- Supports serial data rates up to 100 Gbps
- Complies with MSA SFF-8665 specifications
- Meets or exceeds 100GBASE-CR4 standards
- Multi-platform support for 128G Fibre Channel and EDR InfiniBand
- Pull-tab ejectors for quick, easy connections

### System Requirements

- Networking switch or other hardware with open QSFP+ ports

### Package Includes

- N282-01M-28-BK QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable (M/M), 1 m (3 ft.)



- Flexible 26 AWG conductors maintain smooth high-frequency response

#### Fully Compliant and Compatible

- Meets or exceeds strict 100-Gigabit Ethernet (100GBASE-CR4) standards
- Complies with IEEE 802.3bj and RoHS
- Complies with latest QSFP28 MSA (Multi-Source Agreement) SFF-8665 architecture
- Compatible with all QSFP and QSRP+ ports

## Specifications

INPUT	
Cable Length (ft.)	3
Cable Length (m)	1
PHYSICAL	
Color	Black
CONNECTIONS	
Connector A	QSFP+ (MALE)
Connector B	QSFP+ (MALE)
CERTIFICATIONS	
Certifications	MSA SFF-8665, IEEE 802.3bj, RoHS, REACH
WARRANTY	
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>