



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## QSFP28 to QSFP28 100GbE Passive DAC Cable (M/M), QSFP-100G-CU3M Compatible, 3 m (10 ft.)

MODEL NUMBER: **N282-03M-28-BK**



Combines four SFP channels operating at up to 28 Gbps into one affordable 100GbE cable. Ideal for data centers, high-end servers and enterprise wiring closets.

### Description

The N282-03M-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 three-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 N282-03M-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

### Highlights

- Supports serial data rates up to 100 Gbps
- Complies with MSA SFF-8665 specifications
- Compatible to Cisco QSFP-100G-CU3M
- 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

- N282-03M-28-BK QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable (M/M), 3 m (10 ft.)





- 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
- 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
- Compatible to Cisco QSFP-100G-CU3M

## Specifications

OVERVIEW	
UPC Code	037332193162
Technology	SFP+/QSFP+/QSFP28
INPUT	
Cable Length (ft.)	9.8
Cable Length (m)	3
PHYSICAL	
Wire Gauge (AWG)	26
Shipping Dimensions (hwd / in.)	17.000 x 14.000 x 0.500
Shipping Dimensions (hwd / cm)	43.18 x 35.56 x 1.27
Shipping Weight (lbs.)	0.8600
Shipping Weight (kg)	0.39
Color	Black
CONNECTIONS	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)
CERTIFICATIONS	
Certifications	MSA SFF-8665, IEEE 802.3bj, RoHS, REACH



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

WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2018 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: <https://www.tripplite.com/products/product-certification-agencies>