

## QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable (M/M), 0.5 m (20 in.)

MODEL NUMBER: N282-20N-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.

### 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
- 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

### OVERVIEW

### 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

- N282-20N-28-BK QSFP28 to QSFP28 100GbE Passive DAC Copper InfiniBand Cable (M/M), 0.5 m (20 in.)

|                                   |   |
|-----------------------------------|---|
| UPC Code                          | 037332193131                            |
| Cable Type                        | Passive                                 |
| <b>PHYSICAL</b>                   |   |
| Color                             | Black                                   |
| Cable Jacket Color                | Black                                   |
| Cable Jacket Material             | PVC                                     |
| Cable Outer Diameter (OD)         | 9.5mm                                   |
| Wire Gauge (AWG)                  | 26                                      |
| Cable Length (ft.)                | 1.7                                     |
| Cable Length (m)                  | 0.52                                    |
| Cable Length (in.)                | 20                                      |
| Cable Length (cm)                 | 50.80                                   |
| Minimum Bend Radius               | 50mm                                    |
| Shipping Dimensions (hwd / in.)   | 0.50 x 9.80 x 11.30                     |
| Shipping Dimensions (hwd / cm)    | 1.27 x 24.89 x 28.70                    |
| Shipping Weight (lbs.)            | 0.30                                    |
| Shipping Weight (kg)              | 0.14                                    |
| <b>ENVIRONMENTAL</b>              |   |
| Operating Temperature Range       | 32 to 158 F (0 to 70 C)                 |
| Storage Temperature Range         | -4 to 185 F (-20 to 85 C)               |
| Operating Humidity Range          | 5% to 85% RH                            |
| Storage Humidity Range            | 5% to 85% RH                            |
| <b>COMMUNICATIONS</b>             |   |
| Network Compatibility             | 100 Gbps                                |
| IEEE Standards Supported          | 802.3bj                                 |
| <b>CONNECTIONS</b>                |   |
| Side A - Connector 1              | QSFP+ (MALE)                            |
| Side B - Connector 1              | QSFP+ (MALE)                            |
| <b>STANDARDS &amp; COMPLIANCE</b> |   |
| Product Compliance                | MSA SFF-8665; RoHS; IEEE 802.3bj; REACH |
| <b>WARRANTY &amp; SUPPORT</b>     |   |



1000 Eaton Boulevard  
Cleveland, OH 44122  
United States

|  |                           |
|--|---------------------------|
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty |
|--|---------------------------|



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