

QSFP28 to QSFP28 100GbE Passive DAC Cable (M/M), QSFP-100G-CU1M Compatible, 1M (3.28 ft.)

MODEL NUMBER: N282-01M-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
- Compatible to Cisco QSFP-100G-CU1M

Specifications

Highlights

- Supports serial data rates up to 100 Gbps
- Complies with MSA SFF-8665 specifications
- Compatible to Cisco QSFP-100G-CU1M
- 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.)

| OVERVIEW | |
|-----------------------------------|-----------------------------|
| UPC Code | 037332193148 |
| Cable Type | Passive |
| Compatible Brand | Cisco |
| PHYSICAL | |
| Color | Black |
| Cable Jacket Color | Black |
| Cable Jacket Material | PVC |
| Cable Outer Diameter (OD) | 9.5mm |
| Wire Gauge (AWG) | 26 |
| Cable Length (ft.) | 3.3 |
| Cable Length (m) | 1.01 |
| Cable Length (in.) | 39.6 |
| Cable Length (cm) | 100.584 |
| Minimum Bend Radius | 50mm |
| Shipping Dimensions (hwd / in.) | 0.50 x 9.90 x 11.90 |
| Shipping Dimensions (hwd / cm) | 1.27 x 25.15 x 30.23 |
| Shipping Weight (lbs.) | 0.50 |
| Shipping Weight (kg) | 0.23 |
| ENVIRONMENTAL | |
| 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 |
| COMMUNICATIONS | |
| Network Compatibility | 100 Gbps |
| IEEE Standards Supported | 802.3bj |
| CONNECTIONS | |
| Side A - Connector 1 | QSFP+ (MALE) |
| Side B - Connector 1 | QSFP+ (MALE) |
| STANDARDS & COMPLIANCE | |

| | |
|-------------------------------------|---|
| Product Compliance | MSA SFF-8665; RoHS; IEEE 802.3bj; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |