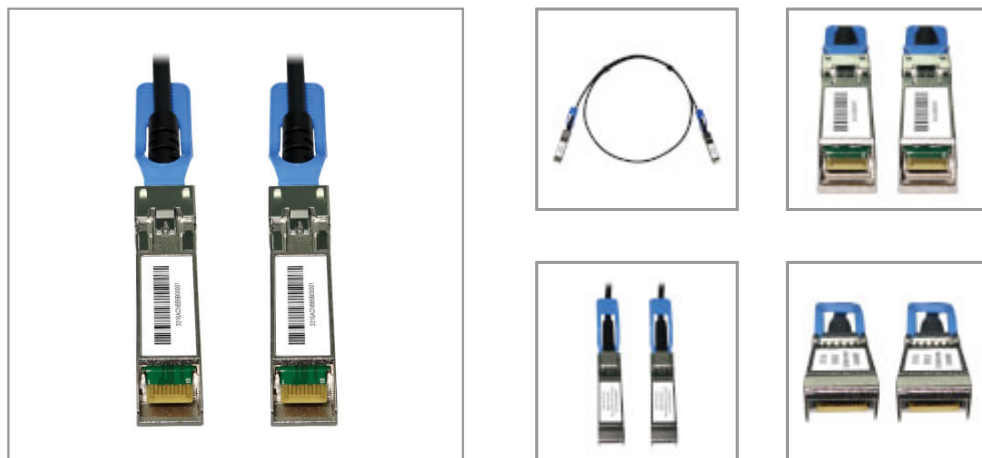


# SFP28 to SFP28 25GbE Passive Twinax Copper Cable (M/M), SFP-H25G-CU1M Compatible, Black, 1 m (3.3 ft.)

MODEL NUMBER: **N280-01M-28-BK**



Connects two network devices with SFP28 ports, including 25 GbE switches, servers, routers and adapters.

## Features

### The Smart Solution for 25G Network Cable Connections

This Cisco-compatible SFP cable is recommended for fast, clear signal transmission in 25 Gbps networks in data centers, high-end server rooms and enterprise wiring closets. The N280-01M-28-BK is a cost-effective, low-power alternative to fiber optic cabling in high-speed interconnect applications, including network storage and enterprise networking. It conforms to SFF-8432 standards and is compatible with equipment open to third-party cables, including equipment from Cisco, Arista, Dell, Juniper and Mellanox.

### Expert Construction for Reliable Data Transfers

The N280-01M-28-BK is ideal for network engineers, IT managers and installers working with servers, switches, adapters and routers that require connections through SFP28 ports at short range. Zinc die-cast male SFP28 connectors and flexible 30 AWG conductors resist EMI line noise and maintain smooth high-frequency response. Ergonomic pull tabs allow easy hot-swap connections and disconnections in crowded network components.

### Fully Compliant to Fit Almost Any Application

In addition to fitting the latest SFP28 MSA (Multi-Source Agreement) SFF-8432 architecture, this cable meets or exceeds strict 25GBase-CR1 standards, as well as IEEE 802.3by and RoHS. Its male connectors fit all SFP28 ports and are the equivalent of Cisco's SFP-H25G-CU1M cable.

## Specifications

| OVERVIEW         |                              |
|------------------|------------------------------|
| UPC Code         | 037332284242                 |
| Compatible Brand | Arista; Cisco; Dell; Juniper |
| Cable Type       | Passive                      |

## Highlights

- Recommended for data centers, high-end servers and enterprise wiring closets
- Compatible with Arista, Cisco, Dell, Juniper and Mellanox equipment
- Zinc die-cast male SFP28 connectors for superior EMI resistance
- Ergonomic pull tabs for fast hot-swap connections/disconnections in crowded networks
- Simpler alternative to fiber optics in short-range network connections

## System Requirements

Conforms to SFF-8432 standards and compatible with the following manufacturers' equipment that are open to third-party cables: Arista, Cisco, Dell, Juniper, Mellanox (not compatible with HP)

## Package Includes

N280-01M-28-BK SFP28 to SFP28 25GbE Passive Twinax Copper Cable (M/M), Black, 1 m (3.3 ft.)



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| CONNECTIONS                     |                                   |
|---------------------------------|-----------------------------------|
| Side A - Connector 1            | SFP28 (Male)                      |
| Side B - Connector 1            | SFP28 (Male)                      |
| PHYSICAL                        |                                   |
| Color                           | Black                             |
| Material of Construction        | CONNECTOR: ZINC ALLOY, CABLE: PVC |
| Cable Jacket Color              | Black                             |
| Cable Jacket Material           | PVC                               |
| Cable Jacket Rating             | CM                                |
| Cable Outer Diameter (OD)       | 4.5MM                             |
| Wire Gauge (AWG)                | 30                                |
| Cable Length (ft.)              | 3.28                              |
| Cable Length (m)                | 1.00                              |
| Cable Length (in.)              | 39.4                              |
| Minimum Bend Radius             | 45 mm                             |
| Shipping Dimensions (hwd / in.) | 12.00 x 10.50 x 0.50              |
| Shipping Dimensions (hwd / cm)  | 30.48 x 26.67 x 1.27              |
| Shipping Weight (lbs.)          | 0.20                              |
| Shipping Weight (kg)            | 0.09                              |
| Unit Dimensions (hwd / in.)     | 12.000 x 10.500 x 0.180           |
| 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, NON-CONDENSING      |
| Storage Humidity Range          | 5% TO 85% RH, NON-CONDENSING      |
| COMMUNICATIONS                  |                                   |
| Network Compatibility           | 25 Gbps                           |
| IEEE Standards Supported        | 802.3by                           |
| FEATURES & SPECIFICATIONS       |                                   |
| Push/Pull Tabs                  | Yes                               |
| Breakout                        | No                                |
| STANDARDS & COMPLIANCE          |                                   |



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|                                     |   |
|-------------------------------------|---|
| Product Certifications              | UL Listed   |
| Product Compliance                  | CE (Europe); FCC (USA); IEEE 802.3by; MSA SFF-8432; REACH; RoHS; UKCA |
| WARRANTY & SUPPORT                  |   |
| Product Warranty Period (Worldwide) | Lifetime limited warranty   |

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