SFP28 to SFP28 25GbE Passive Twinax Copper Cable (M/M), SFP-H25G-CU2M Compatible, Black, 2 m (6.6 ft.)

MODEL NUMBER: **N280-02M-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 N280-02M-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 N280-02M-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-CU2M cable.

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

N280-02M-28-BK SFP28 to SFP28 25GbE Passive Twinax Copper Cable (M/M), Black, 2 m (6.6 ft.)

Specifications

OVERVIEW	
UPC Code	037332284259
Compatible Brand	Arista; Cisco; Dell; Juniper
Cable Type	Passive

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)	4.5 mm
Wire Gauge (AWG)	30
Cable Length (ft.)	6.56
Cable Length (m)	2.00
Cable Length (in.)	78.74
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.)	0.27
Shipping Weight (kg)	0.12
Unit Dimensions (hwd / in.)	12.000 x 10.500 x 0.500
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	

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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