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 Gpbs 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	
UPC Code	037332193131

Cable Type	Passive
Compatible Brand	Cisco

CONNECTIONS	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)

PHYSICAL	
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

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

STANDARDS & COMPLIANCE	
Product Compliance	MSA SFF-8665; RoHS; IEEE 802.3bj; REACH

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

1000 Eaton Boulevard

Cleveland, OH 44122

United States

https://tripplite.eaton.com