

## QSFP+ to QSFP+ 40Gb Passive DAC Copper Infiniband Cable, 0.5M (20-in.)

MODEL NUMBER: N282-20N-BK



### Highlights

- 40Gbps QSFP+ to QSFP+ 0.5M (20-in.) patch cable
- Meets or Exceeds 40-Gigabit Ethernet 40GBASE-CR4 standards
- Fully compliant to the latest QSFP+ MSA (Multi Source Agreement)
- SDR, DDR, and QDR Compatible

### System Requirements

- Networking Switch or other hardware with open QSFP+ Port(s)

### Package Includes

- 0.5M (20-in.) QSFP+ to QSFP+ High Speed Passive Copper 40GB Cable

### Features

- 0.5M (20-in.) QSFP+ to QSFP+ 40Gb Passive DAC Copper Infiniband cable
- Meets or Exceeds strict 40-Gigabit Ethernet 40GBASE-CR4 standards
- SDR, DDR, and QDR Compatible
- QSFP+ to QSFP+ 30AWG SFF-8436 compliant cable and connector
- Up to 10.3125 Gbps transfer rate per channel ( 40Gb aggregate )
- Multi-platform support for 40Gb, SAS, Fibre Channel, and SONET
- Zinc die-cast QSFP+ connectors with "Pull-to-Release" latching
- Fully compliant to latest QSFP+ MSA ( Multi Source Agreement )
- Lower port cost and reduced power budget vs Fiber Optics
- RoHS, SFF-8436, and IEEE 802.3ba Compliant
- BER better than  $10^{12}$

## Specifications

OVERVIEW	
UPC Code	037332186096
Cable Type	Passive
PHYSICAL	
Color	Black
Cable Jacket Color	Black
Cable Jacket Material	PVC

Cable Outer Diameter (OD)	6.5mm
Wire Gauge (AWG)	30
Cable Length (ft.)	1.7
Cable Length (m)	0.52
Cable Length (in.)	20
Cable Length (cm)	50.80
Minimum Bend Radius	38mm
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.)	0.23
Shipping Weight (kg)	0.10
<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	40 Gbps
IEEE Standards Supported	802.3BA
<b>CONNECTIONS</b>	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	MSA SFF-8436; RoHS
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty