

## QSFP+ to 10 GbE SFP+ Passive DAC Breakout Cable (M/M), QSFP+ to (x4) SFP+, Compatible to Cisco QSFP-4SFP10G-CU1M, 2 m (6.5 ft.)

MODEL NUMBER: **N281-02M-BK**



Connects and distributes your 40 GbE system directly into four 10 GbE servers, switches and/or adapters.

### Description

The N281-02M-BK 40 GbE QSFP+ to 10 GbE SFP+ Passive DAC Copper Breakout Cable provides next-generation performance by connecting your 40 GbE QSFP+ system to four 10 GbE SFP+ servers, switches and/or adapters. It's ideal for connecting active network equipment in data centers, high-end servers and enterprise wiring closets.

This two-meter hot-pluggable cable features zinc die-cast QSFP+ and SFP+ male connectors for superior EMI resistance, minimal insertion loss and low crosstalk for better performance. Ergonomic pull-tab ejectors make connecting to equipment a quick, easy task. Eight-pair wire technology is optimized for bandwidth-intense applications, including 40-Gigabit Ethernet (40GBASE-CR4), 10GBASE-CR4, 6G SAS, Fibre Channel and SONET.

Flexible 30 AWG conductors maintain a smooth high-frequency response (20 GHz). The N281-02M-BK undergoes a rigorous assembly and testing procedure aimed at eliminating unnecessary signal loss. It's fully compliant with the MSA (Multi-Source Agreement) SFF-8431 and SFF-8436 architecture for guaranteed compatibility with all QSFP and QSFP+ ports. Compatible with SDR, DDR and QDR.

### Features

#### Splits a 40 GbE Network System to Four 10 GbE Servers, Switches and/or Adapters

- Ideal for data centers, high-end servers and enterprise wiring closets
- Lower port cost and power budget when compared to fiber optics
- Multi-platform support for 40GBASE-CR4, 10GBASE-CR4, 6G SAS, Fibre Channel and SONET

### Top-of-the-Line Construction

### Highlights

- Supports serial data rates up to 40 Gbps
- Complies with MSA SFF-8431 and SFF-8436 specifications
- Compatible to Cisco QSFP-4SFP10G-CU1M
- SDR, DDR and QDR compatible
- Zinc die-cast QSFP+ and SFP+ male connectors
- Pull-tab ejectors for quick, easy connections

### System Requirements

- Networking switch or other hardware with open QSFP+ ports

### Package Includes

- N281-02M-BK 40 GbE QSFP+ to 10 GbE SFP+ Passive DAC Copper Breakout Cable (M/M), 2 m (6.5 ft.)



- Zinc die-cast male connectors for superior EMI resistance
- Ergonomic pull-tab ejectors for quick, easy connections
- 8-pair wire technology optimized for bandwidth-intense applications
- Flexible 30 AWG conductors maintain smooth high-frequency response

#### Fully Compliant and Compatible

- Compatible with SDR, DDR and QDR
- Compatible with all QSFP and QSRP+ ports
- Complies with latest MSA (Multi-Source Agreement) SFF-8431 and SFF-8436 architecture
- Compatible to Cisco QSFP-4SFP10G-CU1M

## Specifications

OVERVIEW	
UPC Code	037332193100
INPUT	
Cable Length (ft.)	6.6
Cable Length (m)	2
PHYSICAL	
Wire Gauge (AWG)	30
Shipping Dimensions (hwd / in.)	17.00 x 14.00 x 0.50
Shipping Dimensions (hwd / cm)	43.18 x 35.56 x 1.27
Shipping Weight (lbs.)	0.80
Shipping Weight (kg)	0.36
Color	Black
CONNECTIONS	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	(4) SFP+ (MALE)
FEATURES & SPECIFICATIONS	
Technology	SFP+/QSPP+/QSFP28
CERTIFICATIONS	
Certifications	MSA SFF-8431, MSA SFF-8436, RoHS, REACH



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WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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