

QSFP+ to QSFP+ Active Optical Cable - 40Gb, AOC, M/M, Aqua, 1M (3.28 ft.)

MODEL NUMBER: N28F-01M-AQ



QSFP+ cable connects high-speed 40 Gb switches, servers and other networking devices in data centers and enterprise wiring closets.

Features

QSFP+ Fiber Cable Connects Network Equipment at Speeds up to 40 GbpsThis one-meter (three-foot) QSFP+ Active Optical Cable (AOC) provides next-generation performance by combining four full-duplex 10 Gbps SFP+ channels into one affordable high-density package. Each male connector contains four fiber optic transceivers, each capable of data transfer speeds up to 10 Gbps. Together, the N28F-01M-AQ provides an aggregated speed up to 40 Gbps, making it ideal for switches, servers, routers and other high-end networking equipment.

Push/Pull Tab Connectors Provide Quick, Easy ConnectionsThe hot-pluggable QSFP+ connectors include ergonomic push/pull tabs, which are easily accessible in high-density applications and make the cable easy to install and remove with just one hand.

Engineered and Optimized for Bandwidth-Intense ApplicationsThis QSFP+ to QSFP+ cable integrates a 40 Gbps Ethernet-optimized 38-position "board as connector" design. Die-cast zinc connectors offer superior EMI (electromagnetic interference) resistance and reduced crosstalk. The connectors have also been tested to meet stringent insertion loss standards. The QSFP+ optical cable's 8-pair wire technology is optimized for 40GBASE-CR4, 6G SAS, Fibre Channel, PCIe, SONET and InfiniBand applications. The plenum-rated OFNP jacket is designed for connecting network components in drop ceiling, walls and ducts.

Cisco-Compatible Cable Fully Compliant with the Latest StandardsThis QSFP+ cable is fully compliant with the latest QSFP+ Multi-Source Agreement (MSA), IEEE 802.3ba standards and industry-standard SFF-8436 specifications. It is compatible with all QSFP and QSFP+ ports and Cisco's QSFP-H40G-AOC1M cable.

Highlights

- Ideal for Cisco switches, servers, routers and other high-end networking equipment
- Combines 4 full-duplex 10 Gbps SFP+ lanes for an aggregated 40 Gbps rate
- Multi-platform support for 40 Gb Ethernet, InfiniBand, Fibre Channel and PCIe
- Ergonomic push/pull tabs allow easy one-handed connection and disconnection
- Compliant with QSFP+ MSA and SFF-8436 architecture for full QSFP compatibility

Applications

- 10GBASE-SR and 40GBASE-SR4 Ethernet
- InfiniBand QDR (4x10G), DDR (4x5G) and SDR (4x2.5G)
- 6G SAS and SONET
- High-speed parallel interconnects for high-performance computing (HPC) and data center interconnects (DCI)
- Connect active network equipment in high-end server rooms or enterprise wiring closets

System Requirements

- Network switch or other devices with QSFP or QSFP+ ports

Package Includes

- N28F-01M-AQ QSFP+ to QSFP+ 40Gb Active Optical



Cable (M/M), Aqua, 1 m (3 ft.)

Specifications

OVERVIEW	
UPC Code	037332225504
Clad Diameter	50µm
Core Diameter	125µm
Number of Fibers	8
Technology	Multimode; SFP+/QSFP+/QSFP28
Optical Mode	OM3
INPUT	
Cable Length (ft.)	3.3
Cable Length (m)	1
PHYSICAL	
Cable Jacket Material	OFNP
Cable Outer Diameter (OD)	2.9 +/- 0.1mm
Color	Aqua
Shipping Dimensions (hwd / cm)	0.00 x 0.00 x 0.00
Shipping Dimensions (hwd / in.)	0.00 x 0.00 x 0.00
Shipping Weight (kg)	0.00
Shipping Weight (lbs.)	0.00
CONNECTIONS	
Side A - Connector 1	QSFP+ (MALE)
Side B - Connector 1	QSFP+ (MALE)
STANDARDS & COMPLIANCE	
Certifications	RoHS compliant, UL Compliant (E347511), Laser Safety Compliant (IEC 60825-1:2014)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty



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