QSFP28 Transceiver - 100GBase-SR4, MTP/MPO MMF, 100 Gbps, 850 nm, 100 m (328 ft.)

MODEL NUMBER: **N286-100G-SR4SG**









Connects a multimode Gigabit Ethernet fiber optic network cable to a router, switch or server's QSFP28 port.

Highlights

- QSFP28 transceiver 100% compatible with wide range of QSFP-100G-SR4-S modules
- Provides 100 Gbps throughput up to 100 m via multimode fiber cabling
- 12-strand MTP/MPO connector supports 100GBase-SR4 signal at 850 nm wavelength
- Hot-swappable interface lets you install and uninstall without shutting down
- Supports DDM for monitoring temperature and other real-time operating parameters

Package Includes

N286-100G-SR4SG QSFP28 Transceiver

Features

QSFP28 Transceiver for Connecting to Your Network Switch or Server
This QSFP28 transceiver allows you to connect a multimode fiber optic cable to a 100 Gbps network router, server or switch. It transmits data up to 100 meters (328 feet) using an 850 nm wavelength. The zinc housing protects against electromagnetic interference (EMI) and excessive power dissipation.

Functionally Equivalent to QSFP-100G-SR4-S Transceiver Modules
The MSA-compliant N286-100G-SR4SG functions just like equivalent QSFP-100G-SR4-S transceiver modules and is manufactured to meet or exceed their specifications. You can use this transceiver with any compatible router, server or switch and receive the same performance as the QSFP-100G-SR4-S.

Hot-Swappable for Installation Without Network Interruption
This input/output device is fully hot-swappable, so you can install it without a potentially costly 100 Gbps network shutdown or device reboot. Just plug the QSFP28 end of the transceiver into your network device. The other end has an MTP/MPO connector to link with multimode fiber optic cable (sold separately). A push/pull tab connector is easily accessible in high-density data center applications and makes the plug-and-play transceiver easy to install and remove with one hand.

Supports Digital Diagnostic Monitoring (DDM) for Real-Time Status Monitoring
DDM support lets you keep track of operating information in real time, such as transceiver temperature, input and output power and supply voltage.

Specifications

OVERVIEW	
UPC Code	037332284082
Brand Compatibility	Cisco
Technology	Fiber; Multimode

Optical Mode	OM4
Mode Type	Multimode
CONNECTIONS	
Side A - Connector 1	QSFP28 (MALE)
Side B - Connector 1	12F MTP/MPO (MALE)
Connector Material	Zinc Alloy
PHYSICAL	
Shipping Dimensions (hwd / in.)	0.70 x 3.10 x 5.70
Shipping Weight (lbs.)	0.11
Unit Dimensions (hwd / in.)	0.700 x 3.100 x 5.700
Unit Weight (lbs.)	0.1102
Unit Weight (kg)	0.05
ENVIRONMENTAL	
Operating Temperature Range	32° to 158°F (0° to 70°C)
Storage Temperature Range	14° to 185°F (-10° to 85°C)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Maximum Data Rate	100 Gbps
Network Compatibility	100 Gbps
Wavelength	840nm; 850nm; 860nm
Transmission Distance	100 m
FEATURES & SPECIFICATIONS	
Data Transfer Rate	100 Gbps
Multi-Source Agreement (MSA) Compliant	Yes
Driver Required	No
Optical Port	MPO/MTP
STANDARDS & COMPLIANCE	
Product Certifications	EN 55032; IEC/EN 63000
Product Compliance	RoHS; CE (Europe); FCC Part 15 Class B (USA); UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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