

## 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.

### 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.

### 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

## Specifications

OVERVIEW	
UPC Code	037332284082
Brand Compatibility	Cisco
Technology	Fiber; Multimode

Optical Mode	OM4
Mode Type	Multimode
<b>PHYSICAL</b>	
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
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Maximum Data Rate	100 Gbps
Network Compatibility	100 Gbps
Wavelength	840nm; 850nm; 860nm
Transmission Distance	100 m
<b>CONNECTIONS</b>	
Side A - Connector 1	QSFP28 (MALE)
Side B - Connector 1	12-STRAND MTP/MPO (MALE)
Connector Material	Zinc Alloy
<b>FEATURES &amp; SPECIFICATIONS</b>	
Data Transfer Rate	100 Gbps
Multi-Source Agreement (MSA) Compliant	Yes
Driver Required	No
Optical Port	MPO/MTP
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	EN 55032; IEC/EN 63000
Product Compliance	RoHS; CE (Europe); FCC Part 15 Class B (USA); UKCA
<b>WARRANTY &amp; SUPPORT</b>	



1000 Eaton Boulevard  
Cleveland, OH 44122  
United States

Product Warranty Period (Worldwide)	3-year limited warranty
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