# QSFP-DD Transceiver - 400GBase-SR8, MPO/APC MMF, 400 Gbps, 850 nm, 100 m (328 ft.)

MODEL NUMBER: **N286-400G-SR8-G**









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

## Highlights

- QSFP-DD transceiver module 100% compatible with 400GBase-SR8 modules
- Provides 400 Gbps throughput up to 100 m via multimode fiber cabling
- 16-strand MPO/APC connector supports 400GBase-SR8 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

N286-400G-SR8-G QSFP-DD Transceiver

## Features

**QSFP-DD Transceiver for Connecting to Your Network Switch or Server**
This QSFP-DD transceiver allows you to connect a multimode fiber optic cable to a 400 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 a Wide Range of 400GBASE-SR8 Transceiver Modules**
The MSA-compliant N286-400G-SR8-G functions just like equivalent 400GBASE-SR8 transceiver modules and is manufactured to meet or exceed those specifications. You can use this transceiver with any compatible router, server or switch and receive the same performance as the 400GBASE-SR8.

**Hot-Swappable for Installation Without Network Interruption**
This input/output device is fully hot-swappable, so you can install it without a potentially costly 400 Gbps network shutdown or device reboot. Just plug the QSFP-DD end of the transceiver into your network device. The other end has an MPO/APC 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 | 037332284112 |
| Brand Compatibility | Cisco |
| Technology | Fiber; Multimode |

| | |
|---|---|
| Optical Mode | OM4 |
| Mode Type | Multimode |
| **CONNECTIONS** | |
| Side A - Connector 1 | QSFP-DD |
| Side B - Connector 1 | 16-STRAND MTP/MPO (FEMALE) |
| 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 | -40° to 185°F (-40° to 85°C) |
| Relative Humidity | 5% to 85% RH, Non-Condensing |
| **COMMUNICATIONS** | |
| Maximum Data Rate | 400 Gbps |
| Network Compatibility | 400 Gbps |
| Wavelength | 840nm; 850nm; 860nm |
| Transmission Distance | 100 m |
| **FEATURES & SPECIFICATIONS** | |
| Data Transfer Rate | 400 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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