

# Cisco-Compatible GLC-SX-MMD SFP Transceiver - 1000Base-SX, LC Duplex MMF, 1.25 Gbps, 850 nm, 550 m (1804 ft.)

MODEL NUMBER: N286-01G-SX-C



Connects a multimode Gigabit Ethernet fiber optic network cable to a Cisco switch or server's SFP port.

## Features

### SFP Transceiver for Connecting to Your Cisco Network Switch or Server

This SFP transceiver allows you to connect a multimode fiber optic cable to a 1.25 Gbps network router, server or switch. It transmits data up to 550 meters (1804 feet) using an 850 nm wavelength. The zinc housing protects against electromagnetic interference (EMI) and excessive power dissipation.

### Functionally Equivalent to Cisco GLC-SX-MMD Transceiver Module

The MSA-compliant N286-01G-SX-C functions just like the equivalent Cisco GLC-SX-MMD transceiver module and is manufactured to meet or exceed Cisco specifications. You can use this transceiver with any compatible Cisco router, server or switch and receive the same performance as the GLC-SX-MMD.

### Hot-Swappable for Installation Without Network Interruption

This input/output device is fully hot-swappable, so you can install it without a potentially costly 1.25 Gbps network shutdown or device reboot. Just plug the SFP end of the transceiver into your Cisco network device. The other end has an LC duplex connector to link with multimode fiber optic cable (sold separately).

### 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            | 037332284136     |
| Brand Compatibility | Cisco            |
| Technology          | Fiber; Multimode |
| Optical Mode        | OM2              |

## Highlights

- SFP transceiver module 100% compatible with Cisco's GLC-SX-MMD module
- Provides 1.25 Gbps throughput up to 550 m via multimode fiber cabling
- LC duplex female connector supports 1000Base-SX signal at 850 nm wavelength
- Hot-swappable interface lets you install and uninstall without shutting down
- Meets or exceeds MSA standards and works in all MSA-compliant platforms

## Package Includes

N286-01G-SX-C SFP Transceiver



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|                                        |                              |
|----------------------------------------|------------------------------|
| Mode Type                              | Multimode                    |
| <b>CONNECTIONS</b>                     |                              |
| Side A - Connector 1                   | SFP (MALE)                   |
| Side B - Connector 1                   | LC DUPLEX (MALE)             |
| Connector Material                     | Zinc Alloy                   |
| <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              | -40° to 185°F (-40° to 85°C) |
| Relative Humidity                      | 5% to 95% RH, Non-Condensing |
| <b>COMMUNICATIONS</b>                  |                              |
| Maximum Data Rate                      | 1.25 Gbps                    |
| Network Compatibility                  | 1 Gbps (Gigabit)             |
| Wavelength                             | 830nm; 850nm; 860nm          |
| Transmission Distance                  | 550 m                        |
| <b>FEATURES &amp; SPECIFICATIONS</b>   |                              |
| Data Transfer Rate                     | 1.25 Gbps                    |
| Multi-Source Agreement (MSA) Compliant | Yes                          |
| Driver Required                        | No                           |
| Optical Port                           | LC                           |
| <b>STANDARDS &amp; COMPLIANCE</b>      |                              |
| Product Certifications                 | EN 55032; IEC/EN 63000       |
| Product Compliance                     | RoHS; CE (Europe); UKCA      |
| <b>WARRANTY &amp; SUPPORT</b>          |                              |
| Product Warranty Period (Worldwide)    | 3-year limited warranty      |



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