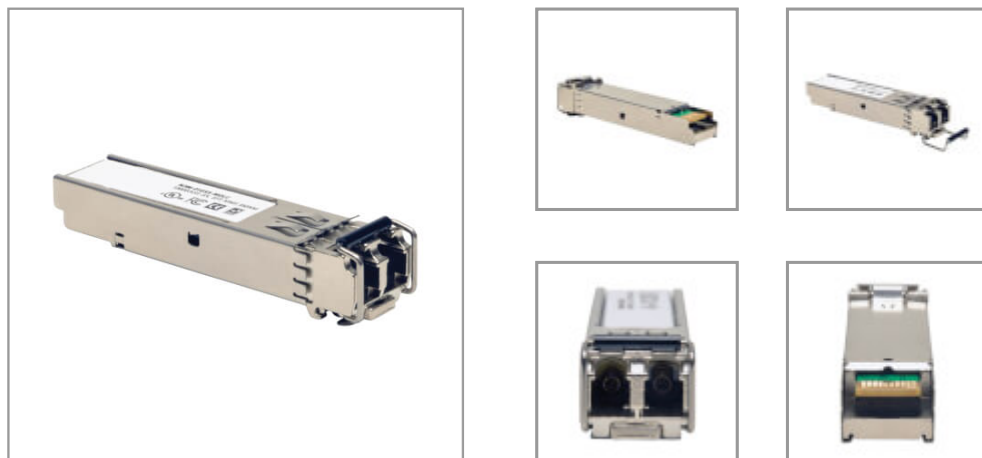


# Cisco-Compatible GLC-SX-MMD 1000Base-SX SFP Transceiver, DDM, Multimode LC, 850nm, 550M

MODEL NUMBER: N286-01GSX-MDLC



## Description

The N286-01GSX-MDLC SFP (mini-GBIC) transceiver module is designed for use with Cisco networking equipment, and is functionally equivalent to Cisco part number GLC-SX-MMD=. This transceiver is manufactured to meet or exceed the specifications of the original Cisco unit, and to comply with Multi Source Agreement (MSA) standards.

## Features

- Cisco switch compatible...Comparable to GLC-SX-MMD=
- Compliant with SFP Multi-Source Agreement (MSA) standards
- 1000Base-SX transceiver supports data transfer rates up to 1.25Gbps
- 300 meter transmission distance using 62.5/125 Multimode cabling
- 500 meter transmission distance using 50/125 Multimode cabling
- 850nm wavelength VCSEL Laser
- Duplex LC Connector
- Electrical interface compliant with SFF-8431
- Supports Digital Diagnostic Monitoring (DDM)
- Hot-pluggable

## Specifications

| OVERVIEW            |              |
|---------------------|--------------|
| UPC Code            | 037332185488 |
| Brand Compatibility | Cisco        |
| CONNECTIONS         |              |

## Highlights

- Cisco switch compatible...Comparable to GLC-SX-MMD=
- Compliant with SFP Multi-Source Agreement (MSA) standards
- 300 meter transmission distance using 62.5/125 MMF cabling
- 500 meter transmission distance using 50/125 MMF cabling

## System Requirements

For a list of compatible switches, see the Switch Compatibility document in the Resources section of this model's web page, or in its Technical Support page.

## Package Includes

- N286-01GSX-MDLC Transceiver
- Quick Start Guide



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|                                        |                              |
|----------------------------------------|------------------------------|
| Side A - Connector 1                   | SFP (MALE)                   |
| Side B - Connector 1                   | LC DUPLEX (FEMALE)           |
| <b>PHYSICAL</b>                        |                              |
| Shipping Dimensions (hwd / in.)        | 0.87 x 2.87 x 4.84           |
| Shipping Dimensions (hwd / cm)         | 2.21 x 7.29 x 12.29          |
| Shipping Weight (lbs.)                 | 0.10                         |
| Shipping Weight (kg)                   | 0.05                         |
| Unit Dimensions (hwd / in.)            | 1.750 x 19.000 x 13.000      |
| Unit Dimensions (hwd / cm)             | 0,84 x 1,32 x 5,69           |
| Unit Weight (lbs.)                     | 0.05                         |
| Unit Weight (kg)                       | 0.02                         |
| <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 |
| Operating Temperature                  | 32 to 158 F (0 to 70 C)      |
| <b>COMMUNICATIONS</b>                  |                              |
| Network Compatibility                  | 1 Gbps (Gigabit)             |
| Wavelength                             | 850nm                        |
| Transmission Distance                  | 550 m                        |
| <b>FEATURES &amp; SPECIFICATIONS</b>   |                              |
| Data Transfer Rate                     | 1 Gbps                       |
| Multi-Source Agreement (MSA) Compliant | Yes                          |
| Optical Port                           | LC                           |
| <b>STANDARDS &amp; COMPLIANCE</b>      |                              |
| Product Compliance                     | RoHS                         |
| <b>WARRANTY &amp; SUPPORT</b>          |                              |
| Product Warranty Period (Worldwide)    | 3-year limited warranty      |



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