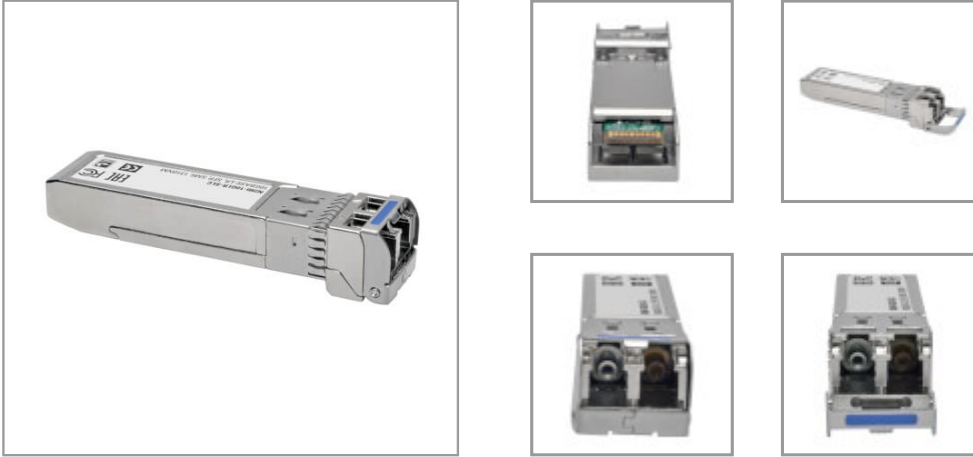


## Cisco-Compatible SFP-10G-LR SFP+ Transceiver, 10GBase-LR, DDM, Singlemode LC , 1310 nm, 10 km

MODEL NUMBER: N286-10GLR-SLC



Adds a duplex LC female connector to your Cisco 10G network equipment.

### Description

The N286-10GLR-SLC Cisco SFP-10G-LR Compatible 10GBase-LR LC SFP+ Transceiver with a duplex LC female connector functions just like the Cisco® SFP-10G-LR transceiver module and is designed to operate with Cisco networking equipment. It also meets or exceeds the SFP-10G-LR's original specifications and complies with MSA standards.

This 10GBase-LR transceiver is fully hot-pluggable, so you can install it without shutting down the network or rebooting your device. It supports data transfer rates up to 10 Gbps with 1310 nm wavelength signaling. It transmits across six miles (10 kilometers) of 9/125 SMF cabling. Its metallic housing allows low EMI. The N286-10GLR-SLC also supports DDM, so you can monitor optical output power, optical input power, temperature, laser bias current and transceiver supply voltage. It is electrical interface-compliant with SFF-8431 specification, and supports up to 11.1 Gbps bi-directional communication.

### Features

#### 10GBase-LR Transceiver with Duplex LC Connector

- Hot-pluggable for installation without rebooting or shutting down
- Supports data transfer rates up to 10 Gbps
- Transmits up to 6 mi. (10 km) with 9/125 SMF cabling
- Metallic housing for low EMI
- Supports up to 11.1 Gbps bi-directional communication
- Supports DDM
- Electrical interface-compliant with SFF-8431 specification
- 1310 nm wavelength signaling

#### Designed for Use with Cisco Networking Equipment

- Functionally equivalent to Cisco SFP-10G-LR
- Meets or exceeds SFP-10G-LR, SFP+ Transceiver
- Complies with MSA standards

## Specifications

### Highlights

- Supports data transfer rates up to 10 Gbps
- Transmits up to 6 mi. (10 km) with 9/125 SMF cabling
- Supports digital diagnostics monitoring (DDM)
- Complies with MSA standards
- 100% compatible with Cisco networking hardware

### System Requirements

For a list of compatible switches, see the Switch Compatibility document in the Resources tab or the Technical Support page.

### Package Includes

- N286-10GLR-SLC Cisco SFP-10G-LR Compatible 10GBase-LR LC SFP Transceiver
- Owner's manual



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| OVERVIEW                               |                               |
|----------------------------------------|-------------------------------|
| UPC Code                               | 037332197429                  |
| Brand Compatibility                    | Cisco                         |
| CONNECTIONS                            |                               |
| Side A - Connector 1                   | SFP+ (MALE)                   |
| Side B - Connector 1                   | LC DUPLEX (FEMALE)            |
| PHYSICAL                               |                               |
| Shipping Dimensions (hwd / in.)        | 1.10 x 3.60 x 4.50            |
| Shipping Dimensions (hwd / cm)         | 2.79 x 9.14 x 11.43           |
| Shipping Weight (lbs.)                 | 0.20                          |
| Shipping Weight (kg)                   | 0.09                          |
| Unit Dimensions (hwd / in.)            | 0.331 x 0.520 x 2.240         |
| Unit Dimensions (hwd / cm)             | 0,84 x 1,32 x 5,69            |
| Unit Weight (lbs.)                     | 0.05                          |
| Unit Weight (kg)                       | 0.02                          |
| 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                      | 10% to 85% RH, Non-Condensing |
| Operating Temperature                  | 32 to 158 F (0 to 70 C)       |
| COMMUNICATIONS                         |                               |
| Network Compatibility                  | 10 Gbps                       |
| Wavelength                             | 1310nm                        |
| Transmission Distance                  | 10 km                         |
| FEATURES & SPECIFICATIONS              |                               |
| Data Transfer Rate                     | 10 Gbps                       |
| Multi-Source Agreement (MSA) Compliant | Yes                           |
| Optical Port                           | LC                            |
| STANDARDS & COMPLIANCE                 |                               |
| Product Compliance                     | RoHS                          |
| WARRANTY & SUPPORT                     |                               |

|                                        |                         |
|----------------------------------------|-------------------------|
| Product Warranty Period<br>(Worldwide) | 3-year limited warranty |
|----------------------------------------|-------------------------|

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