

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

MODEL NUMBER: **N286-10GLR-SLC**



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

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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- Meets or exceeds SFP-10G-LR specs
- Complies with MSA standards

Specifications

OVERVIEW	
Accessories Type	Transceiver
PHYSICAL	
Unit Dimensions (hwd / in.)	0.33 x 0.52 x 2.24
Unit Dimensions (hwd / cm)	0.84 x 1.32 x 5.69
Unit Weight (lbs.)	0.05
Unit Weight (kg)	0.02
ENVIRONMENTAL	
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	
Signal Range (m)	500
CONNECTIONS	
Side A - Connector 1	SFP+ (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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