

# Cisco-Compatible SFP-10G-LR-S SFP+ Transceiver - 10GBase-LR, DDM, Singlemode LC, 1310 nm, 10 km (6.1 mi.)

MODEL NUMBER: N286-10G-LR-S



Links a singlemode Gigabit Ethernet network cable to a Cisco router, server or switch's SFP port.

## Features

**SFP+ Transceiver Designed for Connection to Your Cisco Network Switch or Server** This SFP+ transceiver allows you to connect an 9/125 singlemode fiber optic cable to a 10 Gbps network router, server or switch. It transmits data up to 10 kilometers (721 feet) and supports bi-directional Gigabit Ethernet communication up to 11.1 Gbps. The metal housing protects against electromagnetic interference (EMI) and excessive power dissipation.

**Functionally Equivalent to Cisco SFP-10G-LR-S Transceiver Module** The MSA-compliant N286-10G-LR-S functions just like the equivalent Cisco SFP-10G-LR-S 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 SFP-10G-LR-S.

**Hot-Swappable for Installation Without Network Interruption** This input/output device is fully hot-swappable, so you can install it without a potentially costly 10 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 singlemode fiber optic cable (sold separately). A convenient bail clasp latch helps you carefully remove the module from the device.

**Supports Digital Diagnostic Monitoring (DDM) for Real-Time Status Monitoring** DDM support lets you keep track of various operating statuses in real time, including transceiver temperature, input and output power, and supply voltage.

**S-Class Transceiver Highly Recommended for Enterprise Network** This S-Class fiber transceiver module is ideal for enterprise network runs of shorter distances than other standard modules. The S-Class N286-10G-LR-S supports only Ethernet protocol and operates only within commercial temperature ranges (0 to 70°C).

## Highlights

- SFP+ transceiver module 100% compatible with Cisco's equivalent module
- Provides 10 Gbps throughput up to 10 km (6.1 mi.) via singlemode fiber cabling
- LC duplex female connector supports 10GBase-LR signal at 1310 nm wavelength
- Hot-swappable interface lets you install and uninstall without shutting down
- Supports DDM for monitoring temperature and other real-time operating parameters

## Applications

- Install an additional LC duplex port on a Cisco router, server or switch for the purpose of connecting a singlemode Gigabit Ethernet network cable

## System Requirements

- Cisco or other compatible network router, server or switch

## Package Includes

- N286-10G-LR-S Cisco-Compatible SFP-10G-LR-S SFP+ Transceiver
- Quick Start Guide

## Specifications

### OVERVIEW



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SERIES

UPC Code	037332249241
Brand Compatibility	Cisco
<b>CONNECTIONS</b>	
Side A - Connector 1	SFP+ (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
<b>PHYSICAL</b>	
Unit Dimensions (hwd / in.)	0.490 x 2.300 x 0.550
Unit Weight (lbs.)	0.064
Unit Weight (kg)	0.03
<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 85% RH, Non-Condensing
Operating Temperature	32 to 158 F (0 to 70 C)
<b>COMMUNICATIONS</b>	
Network Compatibility	10 Gbps
Wavelength	1310nm
Transmission Distance	10 km
<b>FEATURES &amp; SPECIFICATIONS</b>	
Data Transfer Rate	10 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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