

# Cisco-Compatible SFP-25G-LR-S SFP28 Transceiver - 25GBase-SR, Singlemode LC, 1310 nm, 10 km (6.2 mi.)

MODEL NUMBER: N286-25G-LR-S



Links a singlemode Gigabit Ethernet network cable to a Cisco switch or server's SFP28 port.

## Features

**SFP28 Transceiver Designed for Connection to Your Cisco Network Switch or Server**This SFP28 transceiver allows you to connect a singlemode fiber optic cable to a 25 Gbps network router, server or switch. It transmits data up to 10 kilometers (6.2 miles) using a 1310 nm wavelength. The zinc housing protects against electromagnetic interference (EMI) and excessive power dissipation.

**Functionally Equivalent to Cisco SFP-25G-LR-S Transceiver Module**The MSA-compliant N286-25G-LR-S functions just like the equivalent Cisco SFP-25G-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-25G-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 25 Gbps network shutdown or device reboot. Just plug the SFP28 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 push/pull tab connector is easily accessible in high-density data center applications and makes the plug-and-play transceiver easy to install and remove with one hand.

## Specifications

OVERVIEW	
UPC Code	037332248961
Brand Compatibility	Cisco
PHYSICAL	
Unit Dimensions (hwd / in.)	0.330 x 0.530 x 2.230
Unit Dimensions (hwd / cm)	0.85 x 1.34 x 5.66

## Highlights

- SFP28 transceiver module 100% compatible with Cisco's equivalent module
- Provides 25 Gbps throughput up to 10 kilometers (6.2 mi.) via singlemode fiber cabling
- LC duplex female connector supports 25GBase-SR signal at 1310 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

## 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

- N286-25G-LR-S Cisco-Compatible SFP-25G-LR-S SFP28 Transceiver



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Unit Dimensions (hwd / mm)	8.5 x 13.4 x 56.6
<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%
Operating Temperature	32 to 158 F (0 to 70 C)
<b>COMMUNICATIONS</b>	
Network Compatibility	25 Gbps
Wavelength	1310nm
Transmission Distance	10 km
<b>CONNECTIONS</b>	
Side A - Connector 1	SFP28 (Male)
Side B - Connector 1	LC DUPLEX (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Data Transfer Rate	25 Gbps
Multi-Source Agreement (MSA) Compliant	Yes
Optical Port	LC
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; CE (Europe)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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