Quick Start Guide

Cisco® Compatible 10Gbase-LR SFP+ Transceiver with DDM, SMF, 1310 nm, 10 km, LC

Model: N286-10GLR-SLC

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Product Features

- 10Gbase-LR transceiver supports data transfer rates up to 11.1 Gbps
- Compliant with SFP Multi-Source Agreement (MSA) and SFF-8431 (with Duplex LC Receptacle)
- Supports Digital Diagnostic Monitoring (DDM)
- 6 mi. (10 km) transmission distance using 9/125 SMF cabling
- Cisco switch compatible
- Low EMI due to fully metallic housing
- Supports up to 11.1 Gbps bi-directional communication
- Hot-pluggable

Package Includes

- N286-10GLR-SLC
- Quick Start Guide

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Optional Accessories

- N370-Series Duplex Singlemode 8.3/125 ~10/125 LC Fiber Cables
- P999-000 Anti-Static Wrist Strap

Installation

Notes:

- *SFP transceiver modules are static-sensitive devices that require proper handling. An anti-static ESD wrist strap or similar device should always be used when handling a transceiver module.*
- *The transceiver module should never be installed with cables already connected. Always remove cables prior to installation to avoid damaging the cable, cable connectors, and/or optical interface.*
- *Installing and uninstalling the transceiver module numerous times will shorten its useful lifespan. Do not uninstall and reinstall the module more than is absolutely necessary.*

1. Remove the transceiver module from its packaging, leaving the dust plug inserted in the LC optical bores.

2. Gently insert the transceiver module into the module socket of your device, pressing on the dust plug until it locks into place.

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Installation

3. Verify the transceiver module is locked into place by trying to remove it from the module socket without releasing the latch. If it stays in place, it is seated properly. If not, you will need to re-insert it, firmly pressing on the dust plug until it locks into place.
4. Once you have verified the transceiver module is securely locked in place, remove the dust plug from the LC optical bores and connect your cabling.

   Note: *Save the dust plug so it can be used in the event the transceiver module needs to be uninstalled and reinstalled.*

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Specifications

Industry Standards	IEEE 802.3z Fiber Optic Gigabit Ethernet IEEE 802.3ae Fiber Optic 10 Gigabit Ethernet
Connector Type	LC Duplex
Maximum Data Transfer Rate	11.1 Gbps
Maximum Transmission Distance	6 mi. (10 km) using 8.3/125~10/125 SMF cabling
Wavelength	1310 nm
Fiber Operating Mode	Half/Full Duplex
DDM Support	Yes
H x W x D	2.24 x 0.55 x 0.5 in. (57 x 14 x 12 mm)
Weight	0.7 oz. (20 g)
Operating Temperature	32° to 158°F (0° to 70°C)
Storage Temperature	-40° to 185°F (-40° to 85°C)
Relative Humidity	5 to 85% RH, Non-Condensing
Maximum TX Power	1 dB
Minimum TX Power	-8 dB
Sensitivity	-14 dB
Power Budget	6 dB
Power Requirement	3.3V
Power Consumption	1.5 Watt (maximum)

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Warranty and Product Registration

3-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, TRIPP LITE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, TRIPP LITE is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

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Warranty and Product Registration

PRODUCT REGISTRATION

Visit www.tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

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Regulatory Compliance

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)

Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

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