

[Get a Quote](#)

## Overview

Cisco SFP-10G-LR module is the single-mode 10G fiber optical transceiver, the Cisco 10G Base-LR Module supports a link length of 10 kilometers on standard single-mode fiber (SMF, G.652) and SFP-10G-LR SFP Plus optical transceiver from Solid-Optics offers up to 10Km link length on standard single-mode fiber.

### The Features

- ☆ Industry's smallest 10G form factor for greatest density per chassis
- ☆ Hot-swappable input/output device that plugs into an Ethernet SFP+ port of a Cisco switch
- ☆ Supports "pay-as-you-populate" model for investment protection and ease of technology migration
- ☆ Digital optical monitoring capability for strong diagnostic capabilities
- ☆ Optical interoperability with 10GBASE XENPAK, 10GBASE X2, and 10GBASE XFP interfaces on the same link
- ☆ Cisco quality identification (ID) feature enables a Cisco platform to identify whether the module is certified and tested by Cisco

### The Supported Platforms

**Figure 1. The SFP-10G-LR can be supported in a switch SFP slot.**



**Table 1. Cisco SFP+ modules are supported on a wide range of Cisco switches and routers:**

Supported Platforms	Supported Platforms
<a href="#">Cisco ASR 1000 Series Router</a>	ASR 901
<a href="#">Cisco Catalyst 2960-S Series Switches</a>	ASR 9000v Series Router
<a href="#">Cisco Catalyst 2960-X Series Switches</a>	CRS Router
<a href="#">Cisco Catalyst 2960-XR Series Switches</a>	MDS 9000
<a href="#">Cisco Catalyst 3560 Series Switches</a>	ME 4500
<a href="#">Cisco Catalyst 3560-E Series Switches</a>	ME 4900NCS 6000 Series Router

<a href="#">Cisco Catalyst 3560-X Series Switches</a>	SCE 8000
<a href="#">Cisco Catalyst 3850 Series Switches</a>	Shared Port Adapter (SPA)
<a href="#">Cisco ASR 903 router</a>	Catalyst 2350 and 2360 Series Switches
<a href="#">Cisco ASR 9000 Series Router</a>	Catalyst 3100 Blade Switches
<a href="#">Cisco 7600 Series Router</a>	Nexus 2000 and 4000 Series Switches
<a href="#">Cisco Catalyst 4500 and 4500-X Series Switches</a>	Nexus 9000 and 9500 (modular) Series Switches
<a href="#">Cisco Catalyst 3750[]3750-E[]3750-X Series Switches</a>	RF Gateway Series
<a href="#">Cisco Nexus 3000 Series Switches</a>	Unified Computing System (UCS) Switches

## Compare to Similar Items

**Table 2. SFP-10G-SR and SFP-10G-LR Port Cabling Specifications:**

Cisco SFP+	Wavelength (nm)	Cable Type	Core Size (Microns)	Modal Bandwidth (MHz/km)	Cable Distance
<a href="#">SFP-10G-SR</a>	850	MMF	62.5 62.5 50.0 50.0 50.0 50.0	160 (FDDI) 200 (OM1) 400 500 (OM2) 2000 (OM3) 4700 (OM4)	26m 33m 66m 82m 300m 400m
<a href="#">SFP-10G-LR</a>	1310	SMF	G.652	-	10km

## Get more information

Do you have any question about the SFP-10G-LR?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

SFP-10G-LR Specifications	
Wavelength (nm)	1310
Cable Type	SMF
Core Size (Microns)	G.652
Modal Bandwidth (MHz*km)	-
Cable Distance	10KM
Transmit and Receive Wavelength (nm)	1260 to 1355
Bail Latch Color	Blue
Power Consumption (W)/td>	1
Operating Temperature Range	-
Transmit Power (dBm)	Maximum: 0.5 Minimum: -8.2
Receive Power (dBm)	Maximum: -0.5 Minimum: -14.4

## Download Resource

---

### Support and Resources

 [Cisco SFP GLC Module Datasheet](#)

## Want to Buy

---

[Order Now](#)

[Get a Quote](#)

## Why Router-switch.com

---

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



16,000+

Customers Trusted



200+

Countries we Sold



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

## Contact Us

---

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: [sales@router-switch.com](mailto:sales@router-switch.com)