

SFP-10G-LR Datasheet

[GetaQuote](#)

Overview

The Cisco [SFP-10G-LR](#) module is a single-mode 10G fibre optical transceiver; the Cisco 10G Base-LR Module supports a link length of 10 kilometers on standard single-mode fibre (SMF, G.652); and Solid-Optics' SFP-10G-LR SFP Plus optical transceiver provides up to 10 kilometers on standard single-mode fibre.

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

Cisco SFP+	Wavelength (nm)	Cable Type	Core Size (Microns)	Modal Bandwidth (MHz/km)	Cable Distance
SFP-10G-SR	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
SFP-10G-LR	1310	SMF	G.652	-	10km

SFP-10G-LR Specifications	
Product Model	Cisco SFP-10G-LR
Data Rate	10 Gbps
Form Factor	SFP+
Wavelength	1310nm
Connector	Duplex LC
Transmitter Type	DFB
Powerbudget	6.2dB
Power Consumption	≤1W
Commercial Temperature Range	0 to 70°C (32 to 158°F)
Max Data Rate	10.3125Gbps
Media	SMF