

Overview

The Cisco SFP-10G-SR module is the multimode 10G fiber optical transceiver, and it supports up to 400m link length when uses 4700Mhz KM MMF (OM3).

The Features

Figure 1. The appearance of SFP-10G-SR.



- ☆ 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 2. The SFP-10G-SR 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
Cisco ASR 1000 Series Router	ASR 901
Cisco Catalyst 2960-S Series Switches	ASR 9000v Series Router
Cisco Catalyst 2960-X Series Switches	CRS Router
Cisco Catalyst 2960-XR Series Switches	MDS 9000
Cisco Catalyst 3560 Series Switches	ME 4500
Cisco Catalyst 3560-E Series Switches	ME 4900NCS 6000 Series Router
Cisco Catalyst 3560-X Series Switches	SCE 8000
Cisco Catalyst 3850 Series Switches	Shared Port Adapter (SPA)
Cisco ASR 903 router	Catalyst 2350 and 2360 Series Switches
Cisco ASR 9000 Series Router	Catalyst 3100 Blade Switches
Cisco 7600 Series Router	Nexus 2000 and 4000 Series Switches
Cisco Catalyst 4500 and 4500-X Series Switches	Nexus 9000 and 9500 (modular) Series Switches
Cisco Catalyst 3750 3750-E 3750-X Series Switches	RF Gateway Series
Cisco Nexus 3000 Series Switches	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
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

Get more information

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

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Specification

SFP-10G-SR Specifications	
Wavelength (nm)	850
Cable Type	MMF
Core Size (Microns)	62.5 62.5 50 50 50

Modal Bandwidth (MHz*km)	160 (FDDI) 200 (OM1) 400 500 (OM2) 2000 (OM3)
Cable Distance	26m 33m 66m 82m 300m
Transmit and Receive Wavelength (nm)	840 to 860
Bail Latch Color	Beige
Power Consumption (W)	1
Operating Temperature Range	0 to 70°C (32 to 158°F)
Transmit Power (dBm)	Maximum: -1.2 Minimum: -7.3
Receive Power (dBm)	Maximum: -1.0 Minimum: -9.9

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