



SFP-10G-SR Datasheet

Product Overview: The SFP-10G-SR is a 10GBase Small Form-Factor Pluggable (SFP+) transceiver module that provides for 10 Gigabits of Ethernet uplink connectivity.

Features and Benefits: The SFP-10G-SR offers a wide variety of features and benefits such as:

- **Small Form Factor** – This SFP+ transceiver boasts the smallest form factor for 10G connectivity
- **Hot-Swappable** – This transceiver can be added or removed to your devices without powering them down
- **Digital Optical Monitoring (DOM)** – This capability allows you to have increased visibility by monitoring signal strength, temperature, and transceiver supply voltage.
- **Optical Interoperability** – This interfaces on the same link as 10GBase XENPAK, 10GBase X2, and 10GBase XFP

Platform Support: These modules are supported on the following Cisco switches and routers:

- ASR 901
- ASR 903
- ASR 1000 Series Router
- ASR 9000 Series Router
- ASR 9000v Series Router
- Catalyst 2350 and 2360 Series Switches
- Catalyst 2960-S, 2960-X, and 2960-XR Series Switches
- Catalyst 3100 Blade Switches
- Catalyst 3560, 3560-E, and 3560-X Series Switches
- Catalyst 3750, 3750-E, and 3750-X Series Switches
- Catalyst 3850 Series Switches
- Catalyst 4500 and 4500-X Series Switches
- CRS Router



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- MDS 9000
- ME 4500
- ME 4900NCS 6000 Series Router
- Nexus 2000, 3000, and 4000 Series Switches
- Nexus 9000 and 9500 (modular) Series Switches
- RF Gateway Series
- SCE 8000
- Shared Port Adapter (SPA)
- Unified Computing System (UCS) Switches

NOTE: These SFP+ modules are compatible with the majority of switches/routers in these series, however there are exceptions. Always verify that the transceiver is compatible with your specific model prior to purchasing.

Product Specifications:

Wavelength	Cable Type	Core Size (Microns)	Modal Bandwidth (MHz*km)	Cable Distance
850nm	Multimode Fiber (MMF)	62.5	160 (FDDI)	26m
850nm	Multimode Fiber (MMF)	62.5	200 (OM1)	33m
850nm	Multimode Fiber (MMF)	50	400	66m
850nm	Multimode Fiber (MMF)	50	500 (OM2)	82m
850nm	Multimode Fiber (MMF)	50	2000 (OM3)	300m
850nm	Multimode Fiber (MMF)	50	4700 (OM4)	400m

Transmit Power (dBm)		Receive Power (dBm)		Transmit and Receive Wavelength (nm)
Maximum	Minimum	Maximum	Minimum	
-1.2**	-7.3	-1.0	-9.9	840 to 860

** The launch power shall be the lesser of the class 1 safety limit or the maximum receive power. Class 1 laser requirements are defined by IEC 60825-1: 2001.



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Additional Specs:

Bail Latch Color	Beige
Power Consumption	1W
Min Operating Temperature	32° F (0°C)
Max Operating Temperature	158° F (70° C)
Dimensions (H x W x D)	0.3" x 0.5" x 2.2"
Weight	0.16 lbs

Warranty: All of our products come with our Lifetime Advance Replacement Warranty meaning you can purchase risk free. We understand that in the event of a product malfunction or failure long downtimes are not an option. If you experience a malfunction or failure with a product at any point during your ownership we'll ship a replacement the same day you report the issue. We'll even expedite the shipment if requested, with an effort to provide a delivery date and time that meets your needs.