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## Overview

The Cisco SFP-10G-ZR is a multi-rate 10GBASE-ZR, 10GBASE-ZW, and OTU2/OTU2e module. It supports link lengths of up to about 80 kilometers on standard Single-Mode Fiber (SMF, G.652). This interface is not specified as part of the 10 Gigabit Ethernet standard and is instead built according to Cisco specifications.

## Quick Specification

Model	Cisco SFP-10G-ZR*
Wavelength (nm)	1550
Cable Type	SMF
Core Size (Microns)	G.652
Modal Bandwidth (MHz*km) **	-
Cable Distance***	80km

\*Requires 15dB attenuator if Link Distance < 5km.

Requires 10dB attenuator if Link Distance is between 5km and 15km.

Requires 5dB attenuator if Link Distance is between 15km and 25km.

\*\*Specified at transmission wavelength.

\*\*\*Minimum cabling distance for -SR, -LRM, -LR, -ER modules is 2m, according to the IEEE 802.3ae.

## Product Details:

### The Front Panel:



## Accessories For SFP-10G-ZR:

### Platform Support:

<ul style="list-style-type: none"> <li>• 7600 Series Router</li> <li>• ASR-903</li> <li>• ASR 1000 Series Router</li> <li>• ASR 9000 Series Router</li> <li>• Catalyst 2960-S, 2960-X, and 2960-XR Series Switches</li> <li>• Catalyst 3850 Series Switches</li> </ul>	<ul style="list-style-type: none"> <li>• Catalyst 4500 and 4500-X Series Switches</li> <li>• Nexus 2000, 3000 Series Switches</li> <li>• Nexus 9000 and 9500 (modular) Series Switches</li> </ul>
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### Compare To Similar Items:

Cisco SFP+	Wavelength (nm)	Cable Type	Core Size (Microns)	Modal Bandwidth (MHz*km)	Cable Distance
Cisco SFP-10G-SR	850	MMF	62.5	160 (FDDI)	26m
Cisco <a href="#">SFP-10G-SR-X</a>			62.5	200 (OM1)	33m
			50	400	66m
			50	500 (OM2)	82m
			50	2000 (OM3)	300m
Cisco <a href="#">SFP-10G-LRM</a>			50	4700 (OM4)	400m
	1310	MMF	62.5	500	220m
		SMF	50	400	100m
50			500	220m	
Cisco SFP-10G-LR	1310	SMF	G.652	-	300m
Cisco SFP-10G-ER	1550	SMF	G.652	-	10km
Cisco <a href="#">SFP-10G-ZR</a>	1550	SMF	G.652	-	40km
					80km

Get more information:

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

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

SKU	SFP-10G-ZR
SFP+ port cabling specifications	
Wavelength (nm)	1550
Cable Type	SMF
Core Size (Microns)	G.652
Modal Bandwidth (MHz*km)	-
Cable Distance	80km
Optical transmit and receive specifications	
Type	10GBASE-ZR 1550nm SMF
Transmit Power (dBm)	4.0 (Max), 0 (Min)
Receive Power (dBm)	-7 (Max), -24 (Min)
Transmit and Receive Wavelength (nm)	1530 to 1565
Other Specification	
Bail Latch Color	Green
Power Consumption (W)	1.5
Operating Temperature Range	COM
Dimensions	Dimensions (H x W x D): 8.5 x 13.4 x 56.5mm. Cisco SFP+ connectors typically weigh 75 grams or less.
Operating Temperature Range	<ul style="list-style-type: none"> <li>• Commercial temperature range (COM): 0 to 70°C (32 to 158°F)</li> <li>• Extended temperature range (EXT): -5 to 85°C (23 to 185°F)</li> <li>• Industrial temperature range (IND): -40 to 85°C (-40 to 185°F)</li> <li>• Storage temperature range: -40 to 85°C (-40 to 185°F)</li> </ul>

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