

SFP-25G-SR-S= Datasheet

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Overview

The Cisco® 25GBASE SFP28 (Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 25 Gigabit Ethernet connectivity options for data center and high-performance computing networks applications. The 25G Modules are based on SFP28 form factor.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	SFP-25G-SR-S=
Description	Cisco 25GBASE-SR SFP28 Module for MMF
Cable Distance	70/100m (OM3/OM4)
Max Power Consumption (W)	1.2
Pull Tab Color	Beige
Wavelength (nm)	850
Cable Type	MMF
Core Size (Microns)	50.0
Modal Bandwidth	2000 (OM3) 4700 (OM4)
Cable Distance	70m 100m

Product Details

Cisco 25G Modules provide these highlights:

- Interoperable with other IEEE-compliant 25G interfaces where applicable
- Certified and tested on Cisco SFP28 ports for superior performance, quality, and reliability
- High-speed connectivity compliant to IEEE 802.3by and IEEE 802.3cc

Compare to Similar Items

Table 2 shows the comparison.

Product Code	SFP-10/25G-CSR-S=	SFP-10/25G-LR-S=	SFP-25G-SR-S=
Description	Cisco 10/25GBASE-CSR SFP28 Module for MMF	Cisco 10/25GBASE-LR SFP28 Module for SMF	Cisco 25GBASE-SR SFP28 Module for MMF
Cable Distance	300/400m (OM3/OM4)	10km	70/100m (OM3/OM4)
Max Power Consumption (W)	1.2	1.3	1.2
Pull Tab Color	Peach	Blue	Beige
Wavelength (nm)	850	1310	850
Cable Type	MMF	SMF	MMF
Core Size (Microns)	50.0	G.652	50.0

Modal Bandwidth	2000 (OM3) 4700 (OM4)	\	2000 (OM3) 4700 (OM4)
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Get More Information

Do you have any question about the SFP-25G-SR-S=?

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

Specification

SFP-25G-SR-S= Specification	
Description	Cisco 25GBASE-SR SFP28 Module for MMF
25G Port cabling specifications	
Cable Distance	70/100m (OM3/OM4)
Max Power Consumption (W)	1.2
Pull Tab Color	Beige
SFP28 port cabling specifications	
Wavelength (nm)	850
Cable Type	MMF
Core Size (Microns)	50.0
Modal Bandwidth	2000 (OM3) 4700 (OM4)
Cable Distance	70m 100m
Optical transmit and receive specifications	
Type	25GBASE-SR 850nm MMF
Transmit Power (dBm)	Max:+2.4 Min:-8.4
Receive Power (dBm)	Max:+2.4 Min:-10.3
Transmit and Receive Wavelength (nm)	840 to 860
Environmental Conditions and Power Requirements	
Commercial temperature	0 to 70°C (32 to 158°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
Regulatory and Standards compliance	

Standards	<ul style="list-style-type: none"> •SFF-8402: SFP+ 28 Gb/s 1x Pluggable Transceiver Solution (SFP28) - Rev 1.0 March 30, 2014 •SFF-8472: Diagnostic Monitoring Interface for Optical Transceivers - Rev 12 August 29, 2014 •IEEE 802.3™ - 2015 IEEE Standard for Ethernet •IEEE P802.3by™ - 2016 Amendment 2: Media Access Control Parameters, Physical Layers, and Management Parameters for 25 Gb/s Operation •IEEE P802.3cc™ - 2017 Amendment 11: Physical Layer and Management Parameters for Serial 25 Gb/s Ethernet Operation Over Single-Mode Fiber •RoHS 6
Safety	<ul style="list-style-type: none"> • Laser Class 1 21CFR-1040 LN#50 7/2001 •Laser Class 1 IEC60825-1 •Cable jacket of SFP copper modules is UL E116441 Compliant •SFP copper cables are ELV Compliant

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