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## Overview

Huawei eSFP-GE-SX-MM850 Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC).

## Quick Specification

Table 1 shows the Quick Specs.

Model	eSFP-GE-SX-MM850
Part Number	02315204 02313URD
Transceiver form factor	eSFP
Transmission speed	GE
Center wavelength (nm)	850
Standard compliance	1000base-SX
Connector type	LC
Applicable cable and maximum	Multimode fiber (with modal bandwidth of 160 MHz*km and diameter of 62.5 μm): 0.22 km
transmission distance	Multimode fiber (OM1): 0.275 km Multimode fiber (with modal bandwidth of 400 MHz*km and diameter of 50 μm): 0.5 km Multimode fiber (OM2): 0.55 km Multimode fiber (OM3): 1 km
Transmit power (dBm)	-9.5 to -2.5
Maximum receiver sensitivity (dBm)	-17.0
Overload power (dBm)	0
Extinction ratio (dB)	9
Operating temperature	0°C to 70°C (32°F to 158°F)
Net Dimension (D x W x H mm)	110 x 70 x 37

Figure 1 shows the appearance.

eSFP-GE-SX-MM850 can be installed in the switch's SFP slot.



## Product Details

### The Supported Switches

Table 2 shows the Huawei hot switches which support eSFP-GE-SX-MM850.

Model	Description
<a href="#">S5700-28P-LI-AC</a>	24 x Ethernet 10/100/1000 ports, 4 Gig SFP, AC 110/220V
<a href="#">S5700-28TP-LI-AC</a>	24 x Ethernet 10/100/1000ports,2 Gig SFP and 2 dual-purpose 10/100/1000 or SFP, AC 110/220V
<a href="#">S5700S-52P-LI-AC</a>	48 x Ethernet 10/100/1000 ports, 4 Gig SFP, AC 110/220V
<a href="#">S5700-28P-PWR-LI-AC</a>	24 x Ethernet 10/100/1000 PoE+ ports, 4 Gig SFP, AC 110/220V
<a href="#">S5700-10P-PWR-LI-AC</a>	8 x Ethernet 10/100/1000 PoE+ ports, 2 Gig SFP, AC 110/220V
<a href="#">S5720-36C-EI-AC</a>	28 x Ethernet 10/100/1000 ports,4 of which are dual-purpose 10/100/1000 or SFP, 4 10 Gig SFP+, 1 interface slot, with 150W AC
S5700-28C-EI-AC	24 x Ethernet 10/100/1000 ports, with 1 interface slot, with 150W AC power supply
<a href="#">S5720-56C-HI-AC</a>	48 x Ethernet 10/100/1000 ports, 4 10 Gig SFP+, with 2 interface slots, with 600W AC power supply
<a href="#">S5720-56PC-EI-AC</a>	48 x Ethernet 10/100/1000 ports,4 Gig SFP, with 1 interface slot, with 150W AC power supply
<a href="#">S5720-56C-PWR-HI-AC</a>	48 x Ethernet 10/100/1000 POE+ ports,4 10 Gig SFP+, with 2 interface slots, with 1150W AC power supply

### Compare to Similar Items

Table 3 shows the comparison of eSFP-GE-SX-MM850 and SFP-GE-LX-SM1310.

Model	eSFP-GE-SX-MM850	<a href="#">SFP-GE-LX-SM1310</a>
Transceiver form factor	eSFP	eSFP
Transmission speed	GE	1 Gbit/s
Center wavelength (nm)	850	1310
Standard compliance	1000base-SX	1000base-LX/LH
Connector type	LC	LC
Applicable cable and maximum transmission distance	Multimode fiber (with modal bandwidth of 160 MHz*km and diameter of 62.5 μm): 0.22 km Multimode fiber (OM1): 0.275 km Multimode fiber (with modal bandwidth of 400 MHz*km and diameter of 50 μm): 0.5 km Multimode fiber (OM2): 0.55 km Multimode fiber (OM3): 1 km	Single-mode fiber: 10 km
Transmit power (dBm)	-9.5 to -2.5	-9.0 to -3.0



Maximum receiver sensitivity (dBm)	-17.0	-20.0
Overload power (dBm)	0	-3.0
Extinction ratio (dB)	9	9
Operating temperature	0°C to 70°C (32°F to 158°F)	0°C to 70°C (32°F to 158°F)
Net Dimension (D x W x H mm)	110 x 70 x 37	110 x 70 x 37

## Get More Information

Do you have any question about the eSFP-GE-SX-MM850 (02315204 02313URD)?

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

## Specification

eSFP-GE-SX-MM850 Specification	
<b>Basic Information</b>	
Model	eSFP-GE-SX-MM850
Part Number	02315204 02313URD
Description	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC)
Level-1 category	GE eSFP Optical Modules
<b>Technical Specifications</b>	
Connector type	LC
Optical fiber type	MMF
Form factor	eSFP
Transmission rate [bit/s]	1G
Target transmission distance [km]	Multimode optical fiber (diameter: 62.5 μm): 220 m Multi-mode (OM1) optical fiber (diameter: 62.5 μm): 275 m Multimode optical fiber (diameter: 50 μm): 500 m Multimode (OM2) optical fiber (diameter: 50 μm): 550 m
Application standard/Type	1000BASE-SX
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Type of the end face of the fiber ceramic ferrule	PC or UPC
Modal bandwidth [MHz*km]	Multimode optical fiber: 160 MHz*km Multi-mode (OM1) optical fiber: 200 MHz*km Multimode optical fiber: 400 MHz*km Multi-mode (OM2) optical fiber: 500 MHz*km



Center wavelength [nm]	850
Overload power (AVG) [dBm]	0
Maximum Tx optical power (AVG) [dBm]	-2.5
Minimum Tx optical power (AVG) [dBm]	-9.5
Minimum extinction ratio [dB]	9
Rx sensitivity (OMA) [dBm]	-17.0

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