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Overview

Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)

Quick Specification

Table 1 shows the Quick Specs.

Model	OMXD30000
Part Number	02313URC 02318169
Description	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
Level-1 category	10GE SFP+ Optical Modules
Form factor	SFP+
Application standard	10GBASE-SR
Connector type	LC
Optical fiber type	MMF
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Transmission rate [bit/s]	10 Gbit/s
Center wavelength [nm]	850
Maximum Tx optical power [dBm]	-1.0
Minimum Tx optical power [dBm]	-7.3
Minimum extinction ratio [dB]	3.0
Rx sensitivity [dBm]	-11.1
Overload power [dBm]	-1.0

Figure 1 shows the appearance.



Product Details

The Supported Switches

Table 2 shows the Huawei hot switches which support OMXD30000.

Model	Description
S5700-28P-LI-AC	24 x Ethernet 10/100/1000 ports, 4 Gig SFP, AC 110/220V
S5700-28TP-LI-AC	24 x Ethernet 10/100/1000ports,2 Gig SFP and 2 dual-purpose 10/100/1000 or SFP, AC 110/220V
S5700S-52P-LI-AC	48 x Ethernet 10/100/1000 ports, 4 Gig SFP, AC 110/220V
S5700-28P-PWR-LI-AC	24 x Ethernet 10/100/1000 PoE+ ports, 4 Gig SFP, AC 110/220V
S5700-10P-PWR-LI-AC	8 x Ethernet 10/100/1000 PoE+ ports, 2 Gig SFP, AC 110/220V
S5720-36C-EI-AC	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
S5720-56C-HI-AC	48 x Ethernet 10/100/1000 ports, 4 10 Gig SFP+, with 2 interface slots, with 600W AC power supply
S5720-56PC-EI-AC	48 x Ethernet 10/100/1000 ports,4 Gig SFP, with 1 interface slot, with 150W AC power supply
S5720-56C-PWR-HI-AC	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 OSX010000 and OMXD30000.

Model	OSX010000	OMXD30000
Transceiver form factor	SFP+	SFP+
Transmission speed	10 Gbit/s	10 Gbit/s
Center wavelength (nm)	1310	1310
Standard compliance	10Gbase-LR	10GBASE-iLR
Connector type	LC	LC
Applicable cable and maximum transmission distance	Single-mode fiber: 10 km	Single-mode fiber: 1.4 km
Transmit power (dBm)	-8.2 to +0.5	-8.2 to +0.5
Maximum receiver sensitivity (dBm)	-12.6	-14.4
Overload power (dBm)	0.5	0.5
Extinction ratio (dB)	3.5	3.5
Operating temperature	0°C to 70°C (32°F to 158°F)	-40°C to +85°C (-40°F to +185°F)

Get More Information

Do you have any question about the OMXD30000 (02313URC 02318169)?

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Specification

OMXD30000 Specification	
Basic Information	
Model	OMXD30000
Part Number	02313URC 02318169
Description	Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
Level-1 category	10GE SFP+ Optical Modules
Technical Specifications	
Connector type	LC
Optical fiber type	MMF
Form factor	SFP+
Transmission rate [bit/s]	10G
Target transmission distance [km]	Multimode fiber (with diameter of 62.5 μm): 26 m Multimode fiber (OM1) (with diameter of 62.5 μm): 33 m Multimode fiber (with diameter of 50 μm): 66 m Multimode fiber (OM2) (with diameter of 50 μm): 82 m Multimode fiber (OM3) (with diameter of 50 μm): 300 m Multimode fiber (OM4) (with diameter of 50 μm): 400 m
Application standard/Type	10GBASE-SR
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 fiber: 160 MHz*km Multimode fiber (OM1): 200 MHz*km Multimode fiber: 400 MHz*km Multimode fiber (OM2): 500 MHz*km Multimode fiber (OM3): 2000 MHz*km Multimode fiber (OM4): 4700 MHz*km
Center wavelength [nm]	850
Overload power (AVG) [dBm]	-1.0
Maximum Tx optical power (AVG) [dBm]	-1.0
Minimum Tx optical power (AVG) [dBm]	-7.3

Minimum extinction ratio [dB]	3.0
Rx sensitivity (OMA) [dBm]	-11.1

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