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## Overview

Huawei OSX010000 is a 10G Optical Transceiver. It's a Single-mode Module.

## Quick Specification

Table 1 shows the Quick Specs.

Model	OSX010000
Part Number	02318170
Transceiver form factor	SFP+
Transmission speed	10 Gbit/s
Center wavelength (nm)	1310
Standard compliance	10Gbase-LR
Connector type	LC
Applicable cable and maximum transmission distance	Single-mode fiber: 10 km
Transmit power (dBm)	-8.2 to +0.5
Maximum receiver sensitivity (dBm)	-12.6
Overload power (dBm)	0.5
Extinction ratio (dB)	3.5
Operating temperature	0°C to 70°C (32°F to 158°F)
Net Dimension (D x W x H mm)	110 x 70 x 3

## The Supported Switches

Figure 1. OSX010000 can be installed in the switch's SFP slot.



Table 2 shows the Huawei hot switches which support OSX010000.

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.

Item	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 OSX010000(02318170)?

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## Specification:

OSX010000 Specification	
Transceiver form factor	SFP+
Transmission speed	10 Gbit/s
Center wavelength (nm)	1310
Standard compliance	10Gbase-LR
Connector type	LC
Applicable cable and maximum transmission distance	Single-mode fiber: 10 km
Transmit power (dBm)	-8.2 to +0.5
Maximum receiver sensitivity (dBm)	-12.6



Overload power (dBm)	0.5
Extinction ratio (dB)	3.5
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

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