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## Overview

Huawei OSX040N01 Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 40km, LC).

## Quick Specification

Table 1 shows the Quick Specs.

Model	OSX040N01
Part Number	02310CNF
Description	Optical Transceiver, SFP+, 10G, Multi-mode Module (1550nm, 40km, LC)
Attributes	Hardware
Category	Optical Transceiver
Product Line	Networking
Product Family	Security
Product Category	Optical Transceiver
Sub Product Family	Application Security
Product Series	S9700
UOM	PCS
Pack Weight(kg)	0.2
Pack Volume(m <sup>3</sup> )	0.00032
Pack Dimension (D*W*H mm)	130*72*35
Net Dimension (D*W*H mm)	110*70*37
Typic Power (W)	1

Figure 1 shows the appearance.

OSX040N01 can be installed in the switch's SFP slot.



## Product Details

### Compare to Similar Items

Table 2 shows the comparison of QSFP-40G-ER4, QSFP-40G-iSR4 and OSX040N01.

Model	QSFP-40G-ER4	QSFP-40G-iSR4	OSX040N01
Part Number	02311BKT	02310MHR	02310CNF
Description	40GBase-ER4 Optical Transceiver, QSFP+, 40G, Single-mode Module (1310nm, 40km, LC)	40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multimode (850nm, 0.15km, MPO) (Connect to four SFP+ Optical Transceiver)	40GBase-LR4 Optical Transceiver, QSFP+, 40GE, Single-mode Module (1310nm, 10km, LC)
Form Type	QSFP+	QSFP+	QSFP+
Wavelength	1310nm	850nm	1310nm
Max Data Rate	44.6Gbps	40Gbps	44.6Gbps
Max Cable Distance*	40km**	150m**	10km

### Get More Information

Do you have any question about the OSX040N01 (02310CNF)?

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## Specification

OSX040N01 Specification	
<b>Basic Information</b>	
Model	OSX040N01
Part Number	02310CNF
Description	Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 40km, LC)
Level-1 category	10GE SFP+ Optical Modules
Module name	OSX040N01
<b>Technical Specifications</b>	
Connector type	LC
Optical fiber type	SMF

Form factor	SFP+
Transmission rate [bit/s]	10G
Target transmission distance [km]	Single-mode fiber (G.652) (with diameter of 9 μm): 40 km
Application standard/Type	10GBASE-ER
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
Center wavelength [nm]	1550
Overload power (AVG) [dBm]	-1.0
Maximum Tx optical power (AVG) [dBm]	4.0
Minimum Tx optical power (AVG) [dBm]	-4.7
Minimum extinction ratio [dB]	3.0
Rx sensitivity (OMA) [dBm]	-14.1

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