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Overview

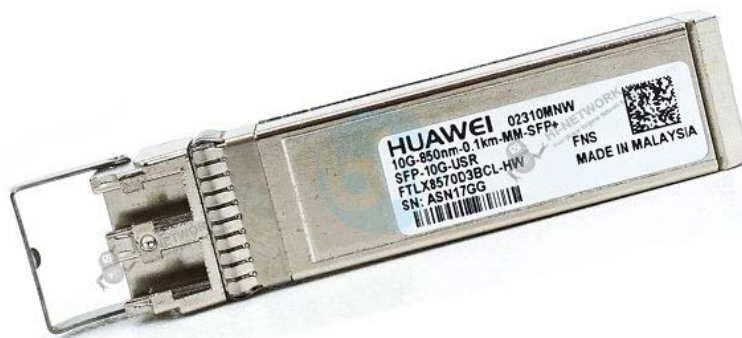
10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)

Quick Specification

Table 1 shows the Quick Specs.

Model	SFP-10G-USR
Part Number	02313URN 02310MNW
Description	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
Level-1 category	10GE SFP+ Optical Modules
Transceiver form factor	SFP+
Transmission speed	10 Gbit/s
Center wavelength (nm)	850
Standard compliance	10Gbase-USR
Connector type	LC
Applicable cable and maximum transmission distance	Multimode fiber (OM3): 0.1 km
Transmit power (dBm)	-7.3 to -1.0
Maximum receiver sensitivity (dBm)	-10.7
Overload power (dBm)	0.5
Extinction ratio (dB)	3.0
Operating temperature	0°C to 70°C (32°F to 158°F)
Net Dimension (D x W x H mm)	145 x 80 x 35

Figure 1 shows the appearance.



Product Details

The Supported Switches

Table 2 shows the Huawei hot switches which support SFP-10G-USR.

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 SFP-10G-USR and OSX010000.

Model	SFP-10G-USR	OSX010000
Transceiver form factor	SFP+	SFP+
Transmission speed	10 Gbit/s	10 Gbit/s
Center wavelength (nm)	850	1310
Standard compliance	10Gbase-USR	10Gbase-LR
Connector type	LC	LC
Applicable cable and maximum transmission distance	Multimode fiber (OM3): 0.1 km	Single-mode fiber: 10 km
Transmit power (dBm)	-7.3 to -1.0	-8.2 to +0.5
Maximum receiver sensitivity (dBm)	-10.7	-12.6
Overload power (dBm)	0.5	0.5
Extinction ratio (dB)	3.0	3.5
Operating temperature	0°C to 70°C (32°F to 158°F)	0°C to 70°C (32°F to 158°F)

Get More Information

Do you have any question about the SFP-10G-USR (02313URN 02310MNW)?

Contact us now via info@hi-network.com.

Specification

SFP-10G-USR Specification	
Basic Information	
Model	SFP-10G-USR
Part Number	02313URN 02310MNW
Description	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, 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 (OM2) (with diameter of 50 μm): 30 m Multimode fiber (OM3) (with diameter of 50 μm): 100 m Multimode fiber (OM4) (with diameter of 50 μm): 150 m
Application standard/Type	10GBASE-USR
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 (OM2): 500 MHz*km Multimode fiber (OM3): 2000 MHz*km Multimode fiber (OM4): 4700 MHz*km
Center wavelength [nm]	850
Overload power (AVG) [dBm]	0.5
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]	-10.7

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