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## Overview

Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1591nm, 70km, LC)

## Quick Specification

Table 1 shows the Quick Specs.

Model	SFP-10G-ZCW1591
Part Number	02310SSA
Description	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1591nm, 70km, LC)
Level-1 category	10GE-CWDM SFP+ Optical Modules
Connector type	LC
Optical fiber type	SMF
Form factor	SFP+
Transmission rate [bit/s]	10 Gbit/s
Target transmission distance [km]	Single-mode fiber: 70 km
Application standard	10G-CWDM
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Center wavelength [nm]	1591
Maximum Tx optical power [dBm]	4.0
Minimum Tx optical power [dBm]	0
Overload power [dBm]	-7.0
Minimum extinction ratio [dB]	8.2
Rx sensitivity [dBm]	-23.0

Figure 1 shows the appearance.



## Get More Information

Do you have any question about the SFP-10G-ZCW1591 (02310SSA)?

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

## Specification

SFP-10G-ZCW1591 Specification	
<b>Basic Information</b>	
Model	SFP-10G-ZCW1591
Part Number	02310SSA
Description	Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1591nm, 70km, LC)
Level-1 category	10GE-CWDM SFP+ Optical Modules
Form factor	SFP+
Application standard	10G-CWDM
Connector type	LC
Optical fiber type	SMF
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Transmission rate [bit/s]	10 Gbit/s
Target transmission distance [km]	Single-mode fiber: 70 km
<b>Transmitter Optical Characteristics</b>	
Center wavelength [nm]	1591
Maximum Tx optical power [dBm]	4.0
Minimum Tx optical power [dBm]	0
Minimum extinction ratio [dB]	8.2
<b>Receiver Optical Characteristics</b>	
Rx sensitivity [dBm]	-23.0
Overload power [dBm]	-7.0

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