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Overview

CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1491nm, 80km, LC)

Quick Specification

Table 1 shows the Quick Specs.

Model	eSFP-GE-ZX100-SM1550
Part Number	02315206
Description	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 100km, LC)
Level-1 category	GE eSFP Optical Modules
Module name	eSFP-GE-ZX100-SM1550
Form factor	eSFP
Application standard	1000BASE-ZX
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]	1 Gbit/s
Target transmission distance [km]	Single-mode fiber: 100 km
Center wavelength [nm]	1550
Maximum Tx optical power [dBm]	5
Minimum Tx optical power [dBm]	0
Minimum extinction ratio [dB]	9.5
Rx sensitivity [dBm]	-30.0
Overload power [dBm]	-9.0

Figure 1 shows the appearance.



Get More Information

Do you have any question about the eSFP-GE-ZX100-SM1550 (02315206)?

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Specification

eSFP-GE-ZX100-SM1550 Specification	
Basic Information	
Model	eSFP-GE-ZX100-SM1550
Part Number	34060295
Description	Optical Transceiver, eSFP, 1550nm, 1.25Gb/s, 0~5dBm, -30dBm, LC, SM, 100km
Level-1 category	1.25Gbps eSFP Optical Module
Module name	1.25Gbps-eSFP-SMF-1550nm-100km-commercial
Technical Specifications	
Connector type	LC
Optical fiber type	SMF
Form factor	eSFP
Transmission rate [bit/s]	1.25 Gbit/s
Target transmission distance [km]	100 km
Application standard	IEEE 802.3, 1000BASE-ZX
Working case temperature [°C(°F)]	0°C to 70°C (32°F to 158°F)
Center wavelength [nm]	1550 nm
Overload power (OMA) [dBm]	-
Overload power (AVG) [dBm]	-9 dBm
Minimum Tx optical power (OMA) [dBm]	-
Minimum Tx optical power (AVG) [dBm]	0 dBm
Maximum Tx optical power (OMA) [dBm]	-
Maximum Tx optical power (AVG) [dBm]	5 dBm
Minimum extinction ratio [dB]	9.5 dB
Tx operating wavelength range [nm]	1500 nm - 1580 nm
Rx operating wavelength range [nm]	1260 nm - 1580 nm
Rx sensitivity (AVG) [dBm]	-30 dBm
Rx sensitivity (OMA) [dBm]	-



DDM options	SFF-8472
Bit error ratio (BER)	<1x10E-12
Environment standard	RoHS
Security standard	FCC Class B, IEC 60825-1 Class 1
ESD (HBM1)	500

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