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Overview

Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)

Quick Specification

Table 1 shows the Quick Specs.

Model	SFP-GE-LX-SM1310-BIDI
Part Number	02315285
Description	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)
Level-1 category	GE eSFP Optical Modules
Form factor	eSFP
Application standard	1000BASE-BX10
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: 10 km
Center wavelength [nm]	1490 nm (RX) 1310 nm (TX)
Maximum Tx optical power [dBm]	-3.0
Minimum Tx optical power [dBm]	-9.0
Minimum extinction ratio [dB]	6
Rx sensitivity [dBm]	-19.5
Overload power [dBm]	-3.0
Note	<p>Supports the single-fiber bidirectional function.</p> <p>Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-GE-LX-SM1310-BIDI must be used with SFP-GE-LX-SM1490-BIDI.</p>

Figure 1 shows the appearance.



Get More Information

Do you have any question about the SFP-GE-LX-SM1310-BIDI (02315285)?

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Specification

SFP-GE-LX-SM1310-BIDI Specification	
Basic Information	
Model	SFP-GE-LX-SM1310-BIDI
Part Number	02315285
Description	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)
Level-1 category	GE eSFP Optical Modules
Technical Specifications	
Connector type	LC
Optical fiber type	SMF
Form factor	eSFP
Transmission rate [bit/s]	1G
Target transmission distance [km]	Single-mode (G.652) optical fiber (diameter: 9 μm): 10 km
Application standard/Type	1000BASE-BX10
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]	1490(RX) 1310(TX)



Overload power (AVG) [dBm]	-3.0
Maximum Tx optical power (AVG) [dBm]	-3.0
Minimum Tx optical power (AVG) [dBm]	-9.0
Minimum extinction ratio [dB]	6
Rx sensitivity (OMA) [dBm]	-19.5
Note	Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-GE-LX-SM1310-BIDI must be used with SFP-GE-LX-SM1490-BIDI.

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WhatsApp Business: +8618057156223

