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Overview

Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 40km, LC)

Quick Specification

Table 1 shows the Quick Specs.

Model	LE2MGSC40ED0
Part Number	02310KVU
Description	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 40km, LC)
Level-1 category	GE eSFP Optical Modules
Module name	LE2MGSC40ED0
Form factor	eSFP
Application standard	1000BASE-BX
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: 40 km
Center wavelength [nm]	1310 nm (RX) 1490 nm (TX)
Maximum Tx optical power [dBm]	3.0
Minimum Tx optical power [dBm]	-2.0
Minimum extinction ratio [dB]	9
Rx sensitivity [dBm]	-23
Overload power [dBm]	-3.0
Note	Supports the single-fiber bidirectional function. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, LE2MGSC40ED0 must be used with LE2MGSC40DE0.

Figure 1 shows the appearance.



Get more information

Do you have any question about the LE2MGSC40ED0 (02310KVU)?

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Specification

LE2MGSC40ED0 Specification	
Basic Information	
Model	LE2MGSC40ED0
Part Number	02310KVU
Description	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 40km, 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 fiber: 40 km
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]	1310(RX) 1490(TX)
Overload power (AVG) [dBm]	-3.0
Maximum Tx optical power (AVG) [dBm]	3.0
Minimum Tx optical power (AVG) [dBm]	-2.0

LE2MGSC40ED0 (02310KVU)

Datasheet



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Minimum extinction ratio [dB]	9
Rx sensitivity (OMA) [dBm]	-23
Note	Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, LE2MGSC40ED0 must be used with LE2MGSC40DE0.

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