



Huawei SFP-GE-BX-D1-I

SFP Module BIDI Single Mode TX1490/RX1310 10KM · Specification summary



Huawei description	Optical Transceiver, SFP, GE, BIDI Single-mode Module(TX1490/RX1310, 10km, LC)
Part number	02311DMA
Form Factor	SFP
Application standard	1000BASE-BX
Connector type	LC
Optical fiber type	SMF
Working case temperature[°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Transmission rate[bit/s]	1 Gbit/s
Target transmission distance[km]	Single-mode fiber: 10 km
Center wavelength[nm]	1310(RX); 1490(TX)
Maximum Tx optical power[dBm]	-3
Minimum Tx optical power[dBm]	-9
Rx sensitivity (AVG)[dBm]	-19.5
Overload power (AVG)[dBm]	-3
Level-1 category	Industrial Optical Modules
Minimum extinction ratio[dB]	9
Note	NOTE: Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-GE-BX-D1-I must be used with SFP-GE-BX-U1-I.

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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