



Huawei SFP-10G-BXU1

10G BIDI SFP+ Single Mode Optical Transceiver · Specification summary



Huawei description	10GBase, BIDI Optical Transceiver, SFP+, 10G, Single-mode Module(TX1270nm/RX1330nm, 10km, LC)
Part number	02310QBJ
Level-1 category	10GE SFP+ Optical Modules,Industrial Optical Modules
Form Factor	SFP+
Application standard	10GBASE-BX
Connector type	LC
Optical fiber type	SMF
Working case temperature[°C(°F)]	-40°C to +85°C (-40°F to +185°F)
Digital diagnostic monitoring (DDM)	Supported
Transmission rate[bit/s]	10 Gbit/s
Target transmission distance[km]	Single-mode fiber: 10 km
Center wavelength[nm]	1330 nm (RX); 1270 nm (TX)
Maximum Tx optical power[dBm]	0.5
Minimum Tx optical power[dBm]	-8.2
Minimum extinction ratio[dB]	3.5
Rx sensitivity[dBm]	-14.4
Overload power [dBm]	0.5
Note	Supports the single-fiber bidirectional function.; Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

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.

IS Distributions Sdn. Bhd., Kuching, Sarawak · <https://www.isdsb.com.my/product-huawei-network-sfp-10g-bxu1.html>