

100G QSFP28 BIDI LC Transceiver



100G QSFP28 Bidi LC BX-U



100G QSFP28 Bidi LC BX-D

Features

- Compliant with SFF-8665 QSFP28 MSA
- Compliant with IEEE 802.3bm CAUI-4 Interface
- Signal Conversion between 53.125GBd PAM4 optical signal and 25.78125Gbps NRZ electrical signal with DSP Gear Box
- Built in Tx CDR and Rx CDR
- Inbuild KP4 FEC
- Hot Pluggable QSFP28 footprint
- 1271nm / 1291nm / 1331nm / 1311nm / 1304nm / 1309nm laser transmitter
- Simplex LC connector
- 2-wire interface for management and diagnostic monitor compliant with SFF-8636
- Single 3.3V power supply
- Link distance 10km~40km over SM fiber with FEC
- RoHS compliant

Ordering Information

Date Rate	Form Factor	Connector	Fiber Type	Distance	Wavelength	TX Power	RX Sensitivity	Temperature	Remark	Part Number
100G	QSFP28	Bidi LC	SMF	10km	Tx1271nm RX1331nm	-1.4~+4.5 dBm	≤ -7.7 dBm	0~70°C	BX-10U	YTM-8G-AS7Cx
100G	QSFP28	Bidi LC	SMF	10km	Tx1331nm RX1271nm	-1.4~+4.5 dBm	≤ -7.7 dBm	0~70°C	BX-10D	YTM-8G-BS7Cx
100G	QSFP28	Bidi LC	SMF	20km	Tx1291nm RX1311nm	-0.2~+6.6 dBm	≤ -10.0 dBm	0~70°C	BX-20U	YTM-8F-GS9Cx
100G	QSFP28	Bidi LC	SMF	20km	Tx1311nm RX1291nm	-0.2~+6.6 dBm	≤ -10.0 dBm	0~70°C	BX-20D	YTM-8F-MS9Cx
100G	QSFP28	Bidi LC	SMF	40km	Tx1304nm RX1309nm	+1.5~+7.1 dBm	≤ -16.2 dBm	0~70°C	BX-40U	YTM-8F-ES9Cx
100G	QSFP28	Bidi LC	SMF	40km	Tx1309nm RX1304nm	+1.5~+7.1 dBm	≤ -16.2 dBm	0~70°C	BX-40D	YTM-8F-FS9Cx