

BIDI XFP

Overview

LongXing's Bidi XFP transceivers are designed for bi-directional 10G serial optical data communications such as IEEE 802.3ae 10GBASE-BX by using 1330(1270)nm transmitter and 1270(1330) nm receiver. The transceiver consists of two sections: The transmitter section uses a multiple quantum well 1330(1270) nm DFB laser and is a class 1 laser compliant according to International Safety Standard IEC 60825. The receiver section uses an integrated 1270(1330) nm detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC.



Features

- One fiber Bi-directional XFP Optical Transceiver
- Fully Compliant with XFP MSA
- Compliant to IEEE 802.3ae 10GBASE-BX
- SFF-8472 Digital Diagnostic Function
- Simplex LC Connector
- Distance Up to 40 km
- XFP Loopback Mode
- No reference Clock required
- RoHS Compliant
- -5 to 70C Operating Temperature

Applications

- 10GBASE-BX at 10.3125 Gb/s
- 10GBASE-BX at 9.953 Gb/s



Specifications

Package	P/N	Data Rate	Wavelength	OSA Type	Distance	Connector	Case Temp.	DDM	Application
BIDI XFP	LXB67810 99-DCL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	10km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB68710 99-DCL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	10km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB67820 99-DCL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	20km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB68720 99-DCL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	20km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB67840 99-DCL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	40km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB68740 99-DCL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	40km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB67860 99-DCL	9.95~11.1 G	1270nm/13 30nm	DFB/APD	60km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB68760 99-DCL	9.95~11.1 G	1330nm/12 70nm	DFB/APD	60km	LC	0~70	D	Eth, SONET, 10GFC
BIDI XFP	LXB67810 99-DEL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	10km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB68710 99-DEL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	10km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB67820 99-DEL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	20km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB68720 99-DEL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	20km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB67840 99-DEL	9.95~11.1 G	1270nm/13 30nm	DFB/PIN	40km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB68740 99-DEL	9.95~11.1 G	1330nm/12 70nm	DFB/PIN	40km	LC	-10~85	D	Eth, SONET, 10GFC



BIDI XFP	LXB67860 99-DEL	9.95~11.1 G	1270nm/13 30nm	DFB/APD	60km	LC	-10~85	D	Eth, SONET, 10GFC
BIDI XFP	LXB68760 99-DEL	9.95~11.1 G	1330nm/12 70nm	DFB/APD	60km	LC	-10~85	D	Eth, SONET, 10GFC

Shipping Information

Package Contents	Transceiver, 10 units
Package Dimensions(W*H*D)	20mm*13.5mm*3.8mm
Material	Carton box
Weight	0.5 KG
Lead Time	10-15 working days normally

Packing Details

