

BIDI SFP

4G

Overview

LongXing's BIDI 4G series is small form factor pluggable module for 4x/2x/1x Fibre Channel and 1000BASE-BX Gigabit Ethernet single fibre communications. It is with the SFP 20-pin connector to allow hot plug capability. The transmitter section uses class 1 laser compliant according to International Safety Standard IEC 60825. The receiver section uses an integrated detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC.



Features

- Fibre Bi-Directional SFP Optical Transceiver
- Up to 4.25 Gb/s
- Compliant with Fibre Channel FC-PI 400/200/100
- Compliant with IEEE 802.3ah-2004 1000BASE-BX
- Simplex LC Connector or SC connector
- AC/AC Coupling according to MSA
- Single +3.3 V Power Supply
- RoHS Compliant
- 0 to 70C, -10 to 85C or -40 to 85C Case Operation Temperature Ranges
- Class 1 Laser International Safety Standard IEC 60825 Compliant



Packing Details



Specifications

Package	P/N	Data Rate	Wavelength	OSA Type	Distance	Connector	Case Temp.	DDM	Application
BIDI SFP	LXB535M1 66-Dxx	4.25Gbps	1310nm/15 50nm	FP/PIN	100m	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB553M1 66-Dxx	4.25Gbps	1550nm/13 10nm	FP/PIN	100m	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB53505 66-Dxx	4.25Gbps	1310nm/15 50nm	FP/PIN	5km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB55305 66-Dxx	4.25Gbps	1550nm/13 10nm	DFB/PIN	5km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB53510 66-Dxx	4.25Gbps	1310nm/15 50nm	DFB/PIN	10km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB55310 66-Dxx	4.25Gbps	1550nm/13 10nm	DFB/PIN	10km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB53520 66-Dxx	4.25Gbps	1310nm/15 50nm	DFB/PIN	20km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB55320 66-Dxx	4.25Gbps	1550nm/13 10nm	DFB/PIN	20km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB53530 66-Dxx	4.25Gbps	1310nm/15 50nm	DFB/PIN	30km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB55330 66-Dxx	4.25Gbps	1550nm/13 10nm	DFB/PIN	30km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB53540 66-Dxx	4.25Gbps	1310nm/15 50nm	DFB/PIN	40km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB55340 66-Dxx	4.25Gbps	1550nm/13 10nm	DFB/APD	40km	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB51111 66-Dxx	4.25Gbps	CWDM/CW DM	DFB/PIN	11dB	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB51118 66-Dxx	4.25Gbps	CWDM/CW DM	DFB/PIN	18dB	LC/SC	Com./Ind.	D	FC
BIDI SFP	LXB51124 66-Dxx	4.25Gbps	CWDM/CW DM	DFB/APD	24dB	LC/SC	Com./Ind.	D	FC

Shipping Information

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

