

# BIDI SFP Ethernet

## Overview

LongXing's BIDI Fast and Gigabit Ethernet SFP is a compact optical transceiver used in optical communications for both telecommunication and data bidirectional communications applications.



## Features

- Bi-Directional SFP Optical Transceiver
- Simplex SC or LC Connector
- 1310/1550, 1490/1550, 1310/1490 or other BOSA Tx/Rx combination is available .
- up to 160km
- AC/AC Coupling according to MSA
- RoHS Compliant
- Commercial 0 to 70C, -10 to 85C or -40 to 85C Case Operation Temperature Ranges
- Class 1 Laser International Safety Standard IEC 60825 Compliant

## Applications

- WDM Fast Ethernet Links
- IEEE 802.3ah 1000BASE-BX Applications
- Fibre Channel Links

## Specifications

Package	P/N	Data Rate	Wavelength	OSA Type	Distance	Connector	Case Temp.	DDM	Application
BIDI SFP	LXB53502 11-Dxx	100M~155 Mbps	1310nm/155 0nm	FP/PIN	2km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB55302 11-Dxx	100M~155 Mbps	1550nm/131 0nm	FP/PIN	2km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB53515 11-Dxx	100M~155 Mbps	1310nm/155 0nm	FP/PIN	15km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB55315 11-Dxx	100M~155 Mbps	1550nm/131 0nm	FP/PIN	15km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB53540 11-Dxx	100M~155 Mbps	1310nm/155 0nm	FP/PIN	40km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB55340 11-Dxx	100M~155 Mbps	1550nm/131 0nm	DFB/PIN	40km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB53580 11-Dxx	100M~155 Mbps	1310nm/155 0nm	DFB/PIN	80km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB55380 11-Dxx	100M~155 Mbps	1550nm/131 0nm	DFB/PIN	80km	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB51129 11-Dxx	100M~155 Mbps	CWDM/CW DM	DFB/PIN	29DB	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB51134 11-Dxx	100M~155 Mbps	CWDM/CW DM	DFB/PIN	34DB	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB51136 11-Dxx	100M~155 Mbps	CWDM/CW DM	DFB/PIN	36DB	LC/SC	Com./Ind.	D	FE, FTTx
BIDI SFP	LXB535M5 33-Dxx	up to 1.25Gbps	1310nm/155 0nm	FP/PIN	550m	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB553M5 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	FP/PIN	550m	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB53503 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	FP/PIN	3km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB55303 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	FP/PIN	3km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB53510 33-Dxx	up to 1.25Gbps	1310nm/155 0nm	FP/PIN	10km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB55310 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	DFB/PIN	10km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB53520 33-Dxx	up to 1.25Gbps	1310nm/155 0nm	FP/PIN	20km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB55320 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	DFB/PIN	20km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB53540 33-Dxx	up to 1.25Gbps	1310nm/155 0nm	DFB/PIN	40km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB55340 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	DFB/PIN	40km	LC/SC	Com./Ind.	D	GBE, FC, FTTx



BIDI SFP	LXB53560 33-Dxx	up to 1.25Gbps	1310nm/155 0nm	DFB/PIN	60km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB55360 33-Dxx	up to 1.25Gbps	1550nm/131 0nm	DFB/PIN	60km	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51119 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	19dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51124 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	24dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51126 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	26dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51128 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	28dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51133 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	33dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx
BIDI SFP	LXB51136 33-Dxx	up to 1.25Gbps	CWDM/CW DM	DFB/PIN	36dB	LC/SC	Com./Ind.	D	GBE, FC, FTTx

## 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

