

10G XFP BiDi TRANSCEIVER



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NEXCONEC[®] 10G XFP BiDi Transceivers support 9.95 to 11.3Gb/s, maximum up to 80km transmission on SMF, low power consumption, Ethernet, CPRI, Fiber Channel.

FEATURES

- ✓ Up to 11.1Gbps Data Links
- ✓ Single +3.3V power supply
- ✓ Operating temperature range: Standard: 0 to +70°C, Industrial: -40 to +85°C
- ✓ ROHS Compliant
- ✓ Compliant with MSA SFP+ specification(SFF-8431), SFF-8472, SFP+ MSA
- ✓ Compliant to IEEE 802.3ae
- ✓ Compliant with XFP MSA
- ✓ Hot-pluggable
- ✓ Compliant with EMI, ESD

APPLICATIONS

- ✓ 10GBASE-ZR/ZW, 10G Ethernet, SONET OC-192 &SDH STM 64

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-XFBL-23G10-10-xx	XFP	10G	1270/1330nm	10km	DFB	PIN	LC	-5~0dBm	-15dBm
NX-XFBL-32G10-10-xx	XFP	10G	1330/1270nm	10km	DFB	PIN	LC	-5~0dBm	-15dBm
NX-XFBL-23G10-20-xx	XFP	10G	1270/1330nm	20km	DFB	PIN	LC	-5~0dBm	-15dBm
NX-XFBL-32G10-20-xx	XFP	10G	1330/1270nm	20km	DFB	PIN	LC	-5~0dBm	-15dBm
NX-XFBL-23G10-40-xx	XFP	10G	1270/1330nm	40km	DFB	PIN	LC	0~5dBm	-15dBm
NX-XFBL-32G10-40-xx	XFP	10G	1330/1270nm	40km	DFB	PIN	LC	0~5dBm	-15dBm
NX-XFBL-23G10-60-xx	XFP	10G	1270/1330nm	60km	DFB	APD	LC	0~5dBm	-20dBm
NX-XFBL-32G10-60-xx	XFP	10G	1330/1270nm	60km	DFB	APD	LC	0~5dBm	-20dBm
NX-XFBL-45G10-80-xx	XFP	10G	1490/1550nm	80km	EML	APD	LC	0~4dBm	-24dBm
NX-XFBL-54G10-80-xx	XFP	10G	1550/1490nm	80km	EML	APD	LC	-1~3dBm	-24dBm

ORDER INFORMATION

Part Number	Product Description
NX-XFBL-23G10-10-xx	XFP BiDi Transceiver LC Duplex 1270/1330nm 10km
NX-XFBL-32G10-10-xx	XFP BiDi Transceiver LC Duplex 1330/1270nm 10km
NX-XFBL-23G10-20-xx	XFP BiDi Transceiver LC Duplex 1270/1330nm 20km
NX-XFBL-32G10-20-xx	XFP BiDi Transceiver LC Duplex 1330/1270nm 20km
NX-XFBL-23G10-40-xx	XFP BiDi Transceiver LC Duplex 1270/1330nm 40km
NX-XFBL-32G10-40-xx	XFP BiDi Transceiver LC Duplex 1330/1270nm 40km
NX-XFBL-23G10-60-xx	XFP BiDi Transceiver LC Duplex 1270/1330nm 60km
NX-XFBL-32G10-60-xx	XFP BiDi Transceiver LC Duplex 1330/1270nm 60km

NX-XFBL-45G10-80-xx	XFP BiDi Transceiver LC Duplex 1490/1550nm 80km
NX-XFBL-54G10-80-xx	XFP BiDi Transceiver LC Duplex 1550/1490nm 80km

Notes

1. Where (10 = 10km, 20 = 20km etc.) denotes reach in kilometers.
2. Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
3. Compatible Short codes are as follows:

Short codes	Value	Short codes	Value
CI	Cisco	HW	Huawei
ML	Mellanox	DK	D-Link
MK	Mikrotik	HC	H3C
JP	Juniper	CN	Ciena
BR	Brocade	EC	Edge-Core
DL	DELL	AL	Alcatel-Lucent
FT	Fortinet		

