

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 | | |

