

## 10G XFP TRANSCEIVER



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NEXCONEC<sup>®</sup> 10G XFP Transceivers support 8.5G and 10G CDR optional, 1550nm EML transmitter for ER and ZR, commercial and industrial operating temperature optional.

### FEATURES

- ✓ Up to 11.1Gbps Data Links
- ✓ Single +3.3V power supply, power dissipation < 1.5W
- ✓ Hot-pluggable
- ✓ Operating temperature range: Standard: 0 to +70°C, Industrial: -40 to +85°C
- ✓ RoHS Compliant
- ✓ Compliant with EMI,ESD
- ✓ Compliant with MSA SFP+ specification(SFF-8431), SFF-8472, SFP+ MSA, XFP MSA
- ✓ Compliant to IEEE 802.3ae

### 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-XF-8G10-01-xx	XFP	10G	850nm	300m	VCSEL	PIN	LC	-6~-1dBm	-10dBm
NX-XF-3G10-01-xx	XFP	10G	1310nm	300m	FP	PIN	LC	-6~-1dBm	-15dBm
NX-XF-3G10-10-xx	XFP	10G	1310nm	10km	DFB	PIN	LC	-6~-1dBm	-15dBm
NX-XF-5G10-40-xx	XFP	10G	1550nm	40km	EML	PIN	LC	-1~4dBm	-16.5dBm
NX-XF-5G10-80-xx	XFP	10G	1550nm	80km	EML	APD	LC	0~5dBm	-24dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-XF-8G10-01-xx</b>	10G XFP SR Transceiver LC Duplex, (850nm) MMF 300m
<b>NX-XF-3G10-01-xx</b>	10G XFP LRM Transceiver LC Duplex, (1310nm) SMF 300m
<b>NX-XF-3G10-10-xx</b>	10G XFP LR Transceiver LC Duplex, (1310nm) SMF 10km
<b>NX-XF-5G10-40-xx</b>	10G XFP ER Transceiver LC Duplex, (1550nm) SMF 40km
<b>NX-XF-5G10-80-xx</b>	10G XFP ZR Transceiver LC Duplex, (1550nm) SMF 80km

### Notes

- Where (01 = 300m, 10 = 10km etc.) denotes reach in kilometers.
- Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
- 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		