

## 10G XFP CWDM TRANSCEIVER



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NEXCONEC<sup>®</sup> 10G XFP CWDM Transceivers operate at 1270nm to 1610nm wavelength on single mode fiber. They are used in Ethernet, CPRI, and Fiber Channel.

### FEATURES

- ✓ Supports 9.95Gb/s to 11.3Gb/s bit rates
- ✓ Supports Lineside and XFI loopback; Full Duplex LC connector
- ✓ Metal enclosure, for lower EMI
- ✓ Single +3.3V power supply; Power dissipation < 2.5W
- ✓ Hot-pluggable; RoHS Compliant
- ✓ Operating temperature range: Standard: 0 to +70°C, Industrial: -40 to +85°C
- ✓ No Reference Clock required; Built-in digital diagnostic functions
- ✓ Standard bail release mechanism

### 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-Q1G10-20-xx	XFP	10G	1270-1330nm	20km	DFB CWDM	PIN	LC	-1~4dBm	-15dBm
NX-XF-Q1G10-40-xx	XFP	10G	1470-1610nm	40km	EML CWDM	PIN	LC	-1~4dBm	-16.5dBm
NX-XF-Q1G10-80-xx	XFP	10G	1470-1610nm	80km	EML CWDM	APD	LC	0~5dBm	-24dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-XF-Q1G10-20-xx</b>	XFP CWDM Transceiver LC Duplex 1270-1330nm 20km
<b>NX-XF-Q1G10-40-xx</b>	XFP CWDM Transceiver LC Duplex 1470-1610nm 40km
<b>NX-XF-Q1G10-80-xx</b>	XFP CWDM Transceiver LC Duplex 1470-1610nm 80km

### Notes

- Where (20 = 20km, 40 = 40km 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		