

## 40G QSFP+ ER4 TRANSCEIVER



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NEXCONEC® 40G QSFP+ ER4 Transceiver is designed to operate over SM fiber system using four 10Gbps CWDM channel in 1300 band. Which is based on two LC connectors for optical connectivity and supports 40Gbps data rate links of up to 40km.

### FEATURES

- ✓ Transmission data rate up to 11.2Gbps per channel
- ✓ Digital Diagnostics Monitoring Interface
- ✓ Compliant to IEEE 802.3ba specification for 40GBASE-ER4 links
- ✓ Hot-pluggable QSFP+ form factor
- ✓ 4 CWDM un-cooled DFB lasers, High Sensitivity APD with optical DEMUX
- ✓ Using ITU G.694.2 wavelength grid at 1277, 1297, 1311 and 1331nm
- ✓ Commercial operating case temperature range: 0 to 70°C
- ✓ RoHS-6 Compliant
- ✓ Lower power consumption
- ✓ 40km (APD) reach over standard single mode fiber
- ✓ Compliant with QDR/DDR InfiniBand data rates

### APPLICATIONS

- ✓ 40GBASE-ER4 40G Ethernet links, InfiniBand QDR and DDR interconnects, Client-side 40G Telecom connections

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-QF-Q1G40-40-xx	QSFP+	40G	1271-1331nm	40km	DFB	APD	LC	-2.7~4.5dBm	-19dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-QF-Q1G40-40-xx</b>	40G QSFP+ ER4 Transceiver LC Duplex, (1271-1331nm) SM 40km

### Notes

- Where (40 = 40km) 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			