

## 40G QSFP+ ZR4 TRANSCEIVER



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NEXCONEC® 40G QSFP+ ZR4 Transceiver is designed to operate over SM fiber system using four 10Gbps 1300 LWDM band which is based on two LC connectors for optical connectivity and supports 40Gbps data rate links of up to 80km.

### FEATURES

- ✓ 4 lanes MUX/DEMUX design
- ✓ Integrated LAN WDM TOSA / ROSA
- ✓ Up to 11.2Gbps per channel bandwidth
- ✓ Aggregate bandwidth of > 40Gbps
- ✓ Duplex LC connector
- ✓ Compliant with 40G Ethernet IEEE802.3ba and 40GBASE-ZR4
- ✓ Built-in digital diagnostic functions
- ✓ Single +3.3V power supply operating
- ✓ Up to 80 km transmission
- ✓ Temperature range 0°C to 70°C
- ✓ Compliant with QDR/DDR InfiniBand data rates
- ✓ QSFP MSA and RoHS Compliant

### APPLICATIONS

- ✓ Rack to rack
- ✓ Data centers Switches and Routers
- ✓ Metro networks
- ✓ Switches and Routers
- ✓ 40G BASE-ZR4

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-QF-Q3G40-80-xx	QSFP+	40G	LWDM	80km	EML LWDM	APD	LC	4.0~7.0dBm	-24dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-QF-Q3G40-80-xx</b>	40G QSFP+ ZR4 Transceiver LC Duplex, SM 80km

### Notes

- Where (80 = 80km) 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			