

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
NX-QF-Q3G40-80-xx	40G QSFP+ ZR4 Transceiver LC Duplex, SM 80km

Notes

1. Where (80 = 80km) 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		