

## 40G QSFP+ PSM4 TRANSCEIVER



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NEXCONEC<sup>®</sup> 40G QSFP+ PSM4 optical transceiver modules include 40GE QSFP+ PSM4 2km, 40GE QSFP+ PSM4 10km. They are designed for 10G/40G Ethernet, InfiniBand SDR/DDR/QDR, reach up to 2km/10km over SMF.

### FEATURES

- ✓ Transmission data rate up to 11.2Gbps per channel
- ✓ Digital Diagnostics Monitoring Interface
- ✓ Hot-pluggable QSFP+ form factor
- ✓ Full duplex 4 channel 1310nm parallel module
- ✓ Commercial operating case temperature range: 0°C to 70°C
- ✓ Maximum power consumption 2.5W
- ✓ Single +3.3V power supply
- ✓ Maximum link length 2km/10km over SMF
- ✓ MTP/MPO optical connector
- ✓ RoHS-6 Compliant

### APPLICATIONS

- ✓ 10/40GBASE-LR/W 10/40G Ethernet
- ✓ InfiniBand QDR, DDR and SDR
- ✓ Data Centers and Storage Arrays

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-QF-3G40-02-xx	QSFP+	40G	1310nm	2km	DFB	PIN	MTP®/MPO	-8.2~2dBm	-12.6dBm
NX-QF-3G40-10-xx	QSFP+	40G	1310nm	10km	DFB	PIN	MTP®/MPO	-8.2~2dBm	-12.6dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-QF-3G40-02-xx</b>	40G QSFP+ PSM4 Transceiver MTP®/MPO, (1310nm) SM 2km
<b>NX-QF-3G40-10-xx</b>	40G QSFP+ PSM4 Transceiver MTP®/MPO, (1310nm) SM 10km

### Notes

- Where (02 = 2km, 10 = 10km) 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		