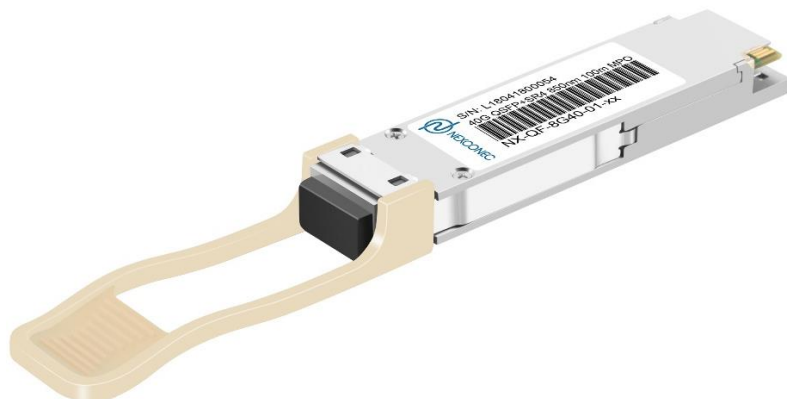


40G QSFP+ SR4 TRANSCEIVER



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NEXCONEC® 40G QSFP+ SR4 Transceivers are designed for use in 40 Gigabit per second links over multimode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-SR4. The optical transmitter portion of the transceiver incorporates a 4-channel VCSEL (Vertical Cavity Surface Emitting Laser) array, a 4-channel input buffer and laser driver, diagnostic monitors, control and bias blocks.

FEATURES

- ✓ High Channel Capacity: 40Gbps per module
- ✓ Up to 11.2Gbps Data rate per channel
- ✓ MTP/MPO optical connector
- ✓ High Reliability 850nm VCSEL technology
- ✓ Maximum link length of 100m links on OM3; multimode fiber or 150m links on OM4 multimode fiber
- ✓ Hot Pluggable
- ✓ Power dissipation < 1.5 W
- ✓ Commercial operating case temperature range: 0 to 70°C
- ✓ RoHS-6 Compliant

APPLICATIONS

- ✓ 40GB Ethernet links, InfiniBand QDR, DDR and SDR, 40G Telecom connections

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-QF-8G40-01-xx	QSFP+	40G	850nm	100m	VCSEL	PIN	MTP/MPO	-7.6~2.4dBm	-9.5dBm
NX-QF-8G40-03-xx	QSFP+	40G	850nm	300m	VCSEL	PIN	MTP/MPO	-7.6~2.4dBm	-9.9dBm

ORDER INFORMATION

Part Number	Product Description
NX-QF-8G40-01-xx	40G QSFP+ SR4 Transceiver MTP/MPO, (850nm) MM 100m
NX-QF-8G40-03-xx	40G QSFP+ SR4 Transceiver MTP/MPO, (850nm) MM 300m

Notes

- Where (01 = 100m, 03 = 300m) denotes reach in meters.
- 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			