

## 100G QSFP28 PSM4 TRANSCEIVER



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NEXCONEC® 100G QSFP28 PSM4 Transceivers (NX-QP-3G100-02) are designed for 100G Ethernet PSM4 links over multiple single mode fibers, support transmission distance up to 2km using 1310nm wavelengths.

### FEATURES

- ✓ Hot-pluggable QSFP28 form factor
- ✓ Compliant with QSFP MSA standard; Compliant with 100G PSM4 MSA standard
- ✓ 4 channels full-duplex transceiver module; Supports 100Gb/s aggregate bit rate
- ✓ 4 channels 1310nm DFB lasers; 4 channels PIN photo detector array
- ✓ Maximum link length of 2km on SMF
- ✓ Single MTP/MPO receptacle; Built-in digital diagnostic functions
- ✓ 3.5W maximum power dissipation; Single 3.3V power supply
- ✓ Operating case temperature range: 0 to 70°C
- ✓ RoHS-6 compliant (lead free)

### APPLICATIONS

- ✓ 100GE direct interconnection
- ✓ 100GE to 4x 25GE breakout interconnection

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-QP-3G100-02-xx	QSFP28	100G	1310nm	2km	DFB	PIN	LC	-6.0~2.0dBm	-10.1dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-QP-3G100-02-xx</b>	QSFP28 PSM4 Transceiver LC Duplex 1310nm 2km

### Notes

1. Where (02 = 2km) 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		