

## 25G SFP28



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Nexconec 25G SFP28 Transceivers are hot-pluggable, and duplex LC receptacle optical interface compliant, support 25Gbps data rate.

### FEATURES

- ✓ Hot-pluggable SFP28 form factor
- ✓ Support 25Gbps data rate
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Digital diagnostics functions are available via the I2C interface
- ✓ Internal CDR on both Transmitter and Receiver channel
- ✓ Single +3.3V power supply
- ✓ Operating temperature range commercial: -5°C~+70°C
- ✓ RoHS Compliant

### APPLICATIONS

- ✓ 25GBASE-SR Ethernet; 25GBASE-LR Ethernet

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-SP-8G25-01-xx	SFP28	25G	850nm	100m	VCSEL	PIN	LC	-8.4~2.4dBm	-11dBm
NX-SP-3G25-10-xx	SFP28	25G	1310nm	10km	DFB	PIN	LC	2~3dBm	-10.6dBm
NX-SP-3G25-40-xx	SFP28	25G	1310nm	40km	DFB	APD	LC	1.6~6dBm	-19dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-SP-8G25-01-xx</b>	SFP28 Transceiver LC Duplex 850nm 100m
<b>NX-SP-3G25-10-xx</b>	SFP28 Transceiver LC Duplex 1310nm 10km
<b>NX-SP-3G25-40-xx</b>	SFP28 Transceiver LC Duplex 1310nm 40km

### Notes

- Where (01 = 100m, 10 = 10km etc.) 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		