

## 25G SFP28 MWDM



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NEXCONEC® 25G SFP28 MWDM Transceivers are hot-pluggable, and duplex LC receptacle optical interface compliant for 5G Front haul transmission, 25 Gigabit Ethernet and Infiniband EDR Applications.

### FEATURES

- ✓ Supports 25Gbps data rate
- ✓ DFB laser-TEC and PIN photo-detector
- ✓ DFB laser-TEC and APD receiver
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Single +3.3V power supply
- ✓ Power dissipation < 1.8W
- ✓ Hot-pluggable SFP28 form factor
- ✓ Internal CDR on both Transmitter and Receiver channel
- ✓ Maximum link of 10km
- ✓ RoHS Compliant
- ✓ Digital diagnostics functions are available via the I2C interface
- ✓ Operating temperature range:
  - Commercial: -5°C~+70°C
  - Industrial: -40°C~+85°C

### APPLICATIONS

- ✓ 25.78 Gb/s single lane, 5G Front haul transmission, CPRI 10, Other optical links

## SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-SP-MG25-10-xx	SFP28	25G	MWDM	10km	DFB	PIN	LC	1-6.0dBm	-10.6dBm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-SP-MG25-10-xx</b>	SFP28 MWDM Transceiver LC Duplex 10km

### Notes

- Where (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			