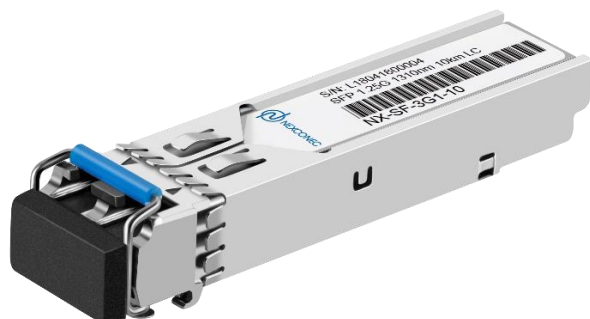


SFP TRANSCEIVER



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Nexconec SFP transceivers data rate ranges from 100Mb/s to 1.25Gb/s, maximum distance up to 150km, all transceivers' specifications and features are fully compliant with SFP MSA, commercial and industrial operating temperature optional.

FEATURES

- ✓ Compliant with MSA SFP specification, G.959.1, SFF-8472, FC-PI v2.0
- ✓ Hot-pluggable
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Data rates range from 100Mb/s to 1.25Gb/s
- ✓ DDM function available with internally calibrated mode
- ✓ International Class1 laser safety certified
- ✓ Single +3.3V power supply
- ✓ Operating temperature range: Commercial: -5°C~+70°C, Industrial: -40°C~+85°C
- ✓ RoHS Compliant

APPLICATIONS

- ✓ Gigabit Ethernet, Gigabit Fiber Channel, Access Network

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-SF-8G1-01-xx	SFP	1.25G	850nm	550m	VCSEL	PIN	LC	-9.5~-3dBm	-18dBm
NX-SF-3G1-10-xx	SFP	1.25G	1310nm	10km	FP	PIN	LC	-9~-3dBm	-19dBm
NX-SF-3G1-20-xx	SFP	1.25G	1310nm	20km	FP	PIN	LC	-9~-3dBm	-19dBm
NX-SF-3G1-40-xx	SFP	1.25G	1310nm	40km	DFB	PIN	LC	-5~0dBm	-24dBm
NX-SF-5G1-40-xx	SFP	1.25G	1550nm	40km	DFB	PIN	LC	-5~0dBm	-24dBm
NX-SF-5G1-60-xx	SFP	1.25G	1550nm	60km	DFB	PIN	LC	0~5dBm	-25dBm
NX-SF-5G1-80-xx	SFP	1.25G	1550nm	80km	DFB	PIN	LC	0~5dBm	-26dBm
NX-SF-5G1-100-xx	SFP	1.25G	1550nm	100km	DFB	APD	LC	0~5dBm	-31dBm
NX-SF-5G1-120-xx	SFP	1.25G	1550nm	120km	DFB	APD	LC	0~5dBm	-32dBm
NX-SF-5G1-150-xx	SFP	1.25G	1550nm	150km	DFB	APD	LC	-2~5dBm	-35dBm

ORDER INFORMATION

Part Number	Product Description
NX-SF-8G1-01-xx	SFP Transceiver, 1.25G LC Duplex, MM (850nm) 550Mtr with DDM
NX-SF-3G1-10-xx	SFP Transceiver, 1.25G LC Duplex, SM (1310nm) 10KM with DDM
NX-SF-3G1-20-xx	SFP Transceiver, 1.25G LC Duplex, SM (1310nm) 20KM with DDM
NX-SF-3G1-40-xx	SFP Transceiver, 1.25G LC Duplex, SM (1310nm) 40KM with DDM
NX-SF-5G1-40-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 40KM with DDM
NX-SF-5G1-60-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 60KM with DDM

NX-SF-5G1-80-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 80KM with DDM
NX-SF-5G1-100-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 100KM with DDM
NX-SF-5G1-120-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 120KM with DDM
NX-SF-5G1-150-xx	SFP Transceiver, 1.25G LC Duplex, SM (1550nm) 150KM with DDM

Notes

1. Where (01 = 550m, 10 = 10km etc.) denotes reach in kilometers.
2. Add "F" after Transmission Distance at the end in the Part Number for Industrial Grade. (Example: NX-SF-8G1-01F-xx).
3. Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
4. 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		

