

10G SFP+ TRANSCEIVER



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NEXCONEC[®] 10G SFP+ Transceivers, cover wide various applications and distances: ER, LR, SR, ZR. They are compliant with IEEE802.3ea, SFF-8472 and SFF-8431. Commercial and industrial operating temperature optional.

FEATURES

- ✓ Up to 9.95Gbps to 10.5Gbps
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ AC coupling of LVPECL signals
- ✓ International Class1 laser safety certified
- ✓ Operating temperature range: Commercial: -5°C~+70°C, Industry: -40°C~+85°C
- ✓ ROHS Compliant
- ✓ DDMI function available with internally calibrated mode

APPLICATIONS

- ✓ 10GBASE-LR/LW, 10G Fiber Channel

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-XP-8G10-01-xx	SFP+	10G	850nm	300m	VCSEL	PIN	LC	-6~-1dBm	-11dBm
NX-XP-3G10-02-xx	SFP+	10G	1310nm	2km	FP	PIN	LC	-8.2~0.5dBm	-14.4dBm
NX-XP-3G10-10-xx	SFP+	10G	1310nm	10km	DFB	PIN	LC	-8.2~0.5dBm	-14.4dBm
NX-XP-3G10-20-xx	SFP+	10G	1310nm	20km	DFB	PIN	LC	-3~2dBm	-14.4dBm
NX-XP-3G10-40-xx	SFP+	10G	1310nm	40km	DFB	PIN	LC	-1~4dBm	-15dBm
NX-XP-5G10-40-xx	SFP+	10G	1550nm	40km	EML	PIN	LC	-1~3dBm	-16dBm
NX-XP-5G10-80-xx	SFP+	10G	1550nm	80km	EML	APD	LC	-1~4dBm	-23dBm
NX-XP-5G10-100-xx	SFP+	10G	1550nm	100km	EML	APD	LC	-1~4dBm	-24dBm

ORDER INFORMATION

Part Number	Product Description
NX-XP-8G10-01-xx	SFP+ Transceiver, 10G-LC DX, MM 850nm, 300Mtr
NX-XP-3G10-02-xx	SFP+ Transceiver, 10G-LC DX, SM 1310nm, 2KM
NX-XP-3G10-10-xx	SFP+ Transceiver, 10G-LC DX, SM 1310nm, 10KM
NX-XP-3G10-20-xx	SFP+ Transceiver, 10G-LC DX, SM 1310nm, 20KM
NX-XP-3G10-40-xx	SFP+ Transceiver, 10G-LC DX, SM 1310nm, 40KM
NX-XP-5G10-40-xx	SFP+ Transceiver, 10G-LC DX, SM 1550nm, 40KM
NX-XP-5G10-80-xx	SFP+ Transceiver, 10G-LC DX, SM 1550nm, 80KM
NX-XP-5G10-100-xx	SFP+ Transceiver, 10G-LC DX, SM 1550nm, 100KM

Notes

- Where (030 = 300m, 02 = 2km etc.) denotes reach in kilometers.
- Add "F" after Transmission Distance at the end in the Part Number for Industrial Grade. (Example: NX-XP-8G10-01**F**-xx).
- 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

<i>CI</i>	<i>Cisco</i>		<i>HW</i>	<i>Huawei</i>
<i>ML</i>	<i>Mellanox</i>		<i>DK</i>	<i>D-Link</i>
<i>MK</i>	<i>Mikrotik</i>		<i>HC</i>	<i>H3C</i>
<i>JP</i>	<i>Juniper</i>		<i>CN</i>	<i>Ciena</i>
<i>BR</i>	<i>Brocade</i>		<i>EC</i>	<i>Edge-Core</i>
<i>DL</i>	<i>DELL</i>		<i>AL</i>	<i>Alcatel-Lucent</i>
<i>FT</i>	<i>Fortinet</i>			

