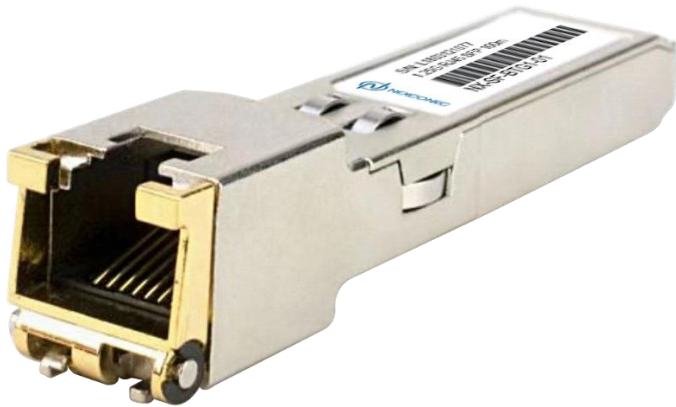


## SFP TRANSCEIVER 1.25G RJ45



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Nexconec SFP transceivers RJ45 connector, data rate range 1.25G, maximum distance up to 100m (10/100/1000M Auto-negotiation), all transceivers specifications and features are fully compliant with SFP MSA, commercial and industrial operating temperature optional.

### FEATURES

- ✓ 1.25Gbps data rate (10/100/1000M Auto-Negotiation)
- ✓ Link lengths at 1.25 Gb/s up to 100 meters
- ✓ 1000 BASE-T operation in host systems with SERDES interface
- ✓ Single +3.3V power supply
- ✓ Low power dissipation (1.05W typical)
- ✓ Hot-pluggable
- ✓ Metal enclosure, for lower EMI
- ✓ Compact RJ-45 connector assembly
- ✓ Operating temperature range: 0~70°C/-40~85°C
- ✓ RoHS Compliant
- ✓ No support TX\_ disable and with Link function

### APPLICATIONS

- ✓ LAN 1000Base-T
- ✓ Switch to Switch Interface
- ✓ Router/Server interface
- ✓ Switched backplane applications

### STANDARD

- ✓ Compliant with SFP MSA
- ✓ Complies with IEEE802.3 z

## SPECIFICATIONS

Part Number	Package	Data Rate	Temp	Reach	TX	RX	Connector	TX In/Out	RX In/Out
NX-SF-BTG1-01-xx	SFP	1.25G	0~70	100m	Zout	Zin	RJ45	100/50 Ohm	100/50 Ohm
NX-SF-BTG1-01F-xx	SFP	1.25G	-40~85	100m	Zout	Zin	RJ45	100/50 Ohm	100/50 Ohm

## ORDER INFORMATION

Part Number	Product Description
<b>NX-SF-BTG1-01-xx</b>	SFP Transceiver 1.25G RJ45 100m (10/100/1000M Auto-negotiation)
<b>NX-SF-BTG1-01F-xx</b>	SFP Transceiver 1.25G RJ45 100m (10/100/1000M Auto-negotiation) Industrial Grade

### Notes

1. Where (01 = 100m, 01F = 100m etc.) denotes reach in meters.
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		

TECHNICAL DRAWING

