SFP SC BiDi TRANSCEIVER

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NEXCONEC® SFP SC BiDi transceivers data range from 100Mb/s to 4.25Gb/s, maximum distance up to 20km, commercial and industrial operating temperature optional.

The transceivers provide serial ID memory contents and diagnostic information about the present operating conditions by the 2-wire serial interface (SCL, SDA).

FEATURES

- ✓ Up to 1.25Gbps bi-directional data links
- ✓ Compliant with SFP MSA and SFF-8472 with single SC receptacle
- ✓ Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- ✓ Compatible with RoHS
- ✓ +3.3V single power supply
- ✓ Operating case temperature: Standard: 0 to +70°C, Industrial: -40 to +85°C

APPLICATIONS

- ✓ SDH and SONET system
- ✓ Fiber Channel
- ✓ Switch to Switch interface
- ✓ Switched backplane applications
- ✓ Router/Server interface
- ✓ Other optical transmission systems

NEXCONEC®
Engineered Cabling Solution

STANDARDS

✓ Gigabit Ethernet

✓ Compliant with SFF-8472

✓ Switched Backplane Applications

✓ Router/Server Interface

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-SFBS-35G1-10-xx	SFP	1.25G	1310/1550nm	10km	FP	PIN	SC	-9~-3dBm	-20dBm
NX-SFBS-53G1-10-xx	SFP	1.25G	1550/1310nm	10km	DFB	PIN	SC	-9~-3dBm	-20dBm
NX-SFBS-35G1-20-xx	SFP	1.25G	1310/1550nm	20km	FP	PIN	SC	-9~-3dBm	-20dBm
NX-SFBS-53G1-20-xx	SFP	1.25G	1550/1310nm	20km	DFB	PIN	SC	-9~-3dBm	-20dBm

ORDER INFORMATION

Part Number	Product Description
NX-SFBS-35G1-10-xx	SFP BiDi Transceiver SC Simplex 1310/1550nm 10km
NX-SFBS-53G1-10-xx	SFP BiDi Transceiver SC Simplex 1550/1310nm 10km
NX-SFBS-35G1-20-xx	SFP BiDi Transceiver SC Simplex 1310/1550nm 20km
NX-SFBS-53G1-20-xx	SFP BiDi Transceiver SC Simplex 1550/1310nm 20km

Notes

1. *Where (10 = 10km, 20 = 20km etc.) denotes reach in kilometers.*
2. *Add "F" after Transmission Distance at the end in the Part Number for Industrial Grade. (Example: NX-SFBS-35G1-10F-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			