

1G SFP BIDI Transceiver

Network Distributors provides the highest quality, best in class compatible optical transceivers that are 100% real-world tested in equivalent OEM equipment. Servicing Telecom, Datacenter, and Enterprise markets, our 1G bi-directional (bidi) product enables you to double network capacity without running new fiber. By utilizing a single strand of fiber for full-duplex circuits, our bidi solutions help you reduce test, turn up, and fiber lease costs.



Technical Specifications

Data Rates and Distances

1G/1.25 Ethernet

Reach from 10km to 160km

Standards

RoHS compliant, applicable IEEE standard.

All MSA (multi-source agreement) compliant.

Connector(s)

Simplex LC

Additional Highlights

Available in both standard temperature (0 to 70°C) and industrial temperature (-40 to 85C).

Warranty

All transceivers feature a limited lifetime warranty.

Compatibility

Notable OEM platforms supported include:

Alcatel/Nokia, Arista, Brocade, Calix, Ciena, Cisco, Ericsson, Juniper, MSA standard and many others.

Please contact us at sales@networkdistributors.com if you do not see your OEM here.

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm) *	Receiver Sensitivity (dBm)	Power Supply	Power Dissipation
1G SFP BIDI								
SFP-BX-U10-1314	1310/1490	SMF	10km	1.25Gbps	-8/-3	-18	3.3V	<1W
SFP-BX-D10-1314	1490/1310	SMF	10km	1.25Gbps	-8/-3	-18	3.3V	<1W
SFP-BX-U20-1314	1310/1490	SMF	20km	1.25Gbps	-9/-3	-20	3.3V	<1W
SFP-BX-D20-1314	1490/1310	SMF	20km	1.25Gbps	-9/-3	-20	3.3V	<1W
SFP-BX-U20-1314-IND	1310/1490	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W

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SFP-BX-D20-1314-IND	1490/1310	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W
SFP-BX-U20-1314-SC	1310/1490	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W
SFP-BX-D20-1314-SC	1490/1310	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W
SFP-BX-U20-1315	1310/1550	SMF	20km	115Mbps	-9/-3	-23	3.3V	<1W
SFP-BX-D20-1315	1550/1310	SMF	20km	115Mbps	-9/-3	-23	3.3V	<1W
SFP-BX-U20-1315-IND	1310/1550	SMF	20km	155Mbps	-9/-3	-23	3.3V	<1W
SFP-BX-D20-1315-IND	1550/1310	SMF	20km	155Mbps	-9/-3	-23	3.3V	<1W
SFP-BX-U20-1315-SC	1310/1550	SMF	20km	125Mbps	-9/-3	-20	3.3V	<1W
SFP-BX-D20-1315-SC	1550/1310	SMF	20km	125Mbps	-9/-3	-20	3.3V	<1W
SFP-BX-U40-1314	1310/1490	SMF	40km	1.25Gbps	-5/0	-25	3.3V	<1W
SFP-BX-D40-1314	1490/1310	SMF	40km	1.25Gbps	-5/0	-25	3.3V	<1W
SFP-BX-U40-1314-IND	1310/1490	SMF	40km	1.25Gbps	-5/0	-23	3.3V	<1W
SFP-BX-D40-1314-IND	1490/1310	SMF	40km	1.25Gbps	-5/0	-23	3.3V	<1W
SFP-BX-U40-1315	1310/1550	SMF	40km	1.25Gbps	-5/0	-25	3.3V	<1W
SFP-BX-D40-1315	1550/1310	SMF	40km	1.25Gbps	-5/0	-25	3.3V	<1W
SFP-BX-U40-1315-IND	1310/1550	SMF	40km	1.25Gbps	-5/0	-23	3.3V	<1W
SFP-BX-D40-1315-IND	1550/1310	SMF	40km	1.25Gbps	-5/0	-23	3.3V	<1W
SFP-BX-U40-1315-SC	1310/1550	SMF	40km	1.25Gbps	-5/0	-24	3.3V	<1W
SFP-BX-D40-1315-SC	1550/1310	SMF	40km	1.25Gbps	-5/0	-24	3.3V	<1W
SFP-BX-U40-1415-SC	1310/1490	SMF	40km	1.25Gbps	0/5	-23	3.3V	<1W

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1G SFP BIDI								
SFP-BX-D40-1415-SC	1490/1310	SMF	40km	1.25Gbps	0/5	-23	3.3V	<1W
SFP-BX-U80-1415	1310/1490	SMF	80km	1.25Gbps	-2/3	-25	3.3V	<1W
SFP-BX-D80-1415	1490/1310	SMF	80km	1.25Gbps	-2/3	-25	3.3V	<1W
SFP-BX-U80-1415-IND	1490/1550	SMF	80km	1.25Gbps	0/5	-23	3.3V	<1W
SFP-BX-D80-1415-IND	1550/1490	SMF	80km	1.25Gbps	0/5	-23	3.3V	<1W
SFP-BX-U120-1415	1490/1550	SMF	120km	1.25Gbps	1/6	-33	3.3V	<1W
SFP-BX-D120-1415	1550/1490	SMF	120km	1.25Gbps	1/6	-33	3.3V	<1W
SFP-BX-U160-1415	1490/1550	SMF	160km	1.25Gbps	0/5	-30	3.3V	<1W
SFP-BX-U160-1415	1550/1490	SMF	160km	1.25Gbps	0/5	-30	3.3V	<1W