

1G SFP 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 products are used in Gigabit Ethernet, Fibre Channel, SONET and PON applications.



Technical Specifications

Data Rates and Distances

1G/1.25 Ethernet
Reach from 100m to 160km

Standards

RoHS compliant, applicable IEEE standard.
All MSA (multi-source agreement) compliant.

Connector(s)

Duplex LC

Additional Highlights

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

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								
SFP-SX	850	MMF	550m	1.25Gbps	-9/-3	-17	3.3V	<1W
SFP-SX-HP	850	MMF	500m	1.25Gbps	-9.5/-3.5	-18	3.3V	<1W
SFP-SX-IND	850	MMF	550m	1.25Gbps	-9/0.3	-18	3.3V	<1W
SFP-FE-FX	1310	MMF	2km	1.25Gbps	-20/-14	-31	3.3V	<1W
SFP-FE-LX	1310	SMF	20km	115Mbps	-15/-7	-29	3.3V	<1W

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receive Sensitivity (dBm)	Power Supply	Power Dissipation
SFP-FE-ZX	1550	SMF	80km	155Mbps	-5/0	-34	3.3V	<1W
SFP-GE-FX	1310	MMF	2km	125Mbps	-20/-14	-31	3.3V	<1W
SFP-LH	1310	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W
SFP-LH-HP	1310	SMF	20km	1.25Gbps	-9/-3	-23	3.3V	<1W
SFP-LH-IND	1310	SMF	10km	1.25Gbps	-9/-3	-18	3.3V	<1W
SFP-EX-40	1310	SMF	40km	1.25Gbps	-5/0	-22	3.3V	<1W
SFP-EX-40-HP	1310	SMF	40km	1.25Gbps	-5/0	-24	3.3V	<1W
SFP-EX-40-IND	1310	SMF	40km	1.25Gbps	-5/0	-23	3.3V	<1W
SFP-ZX	1550	SMF	80km	1.25Gbps	0/5	-25	3.3V	<1W
SFP-ZX-IND	1550	SMF	80km	1.25Gbps	0/5	-25	3.3V	<1W
SFP-ZX-120	1550	SMF	120km	1.25Gbps	0/5	-26	3.3V	<1W
SFP-ZX-120-IND	1550	SMF	120km	1.25Gbps	0/5	-26	3.3V	<1W
SFP-ZX-160	1550	SMF	160km	1.25Gbps	1/6	-35	3.3V	<1W