



SFP Series Transceivers

- 1.25GB Fiber Transceivers
- 1.25GB Copper Transceivers
- 125MB Fiber Transceivers

DESCRIPTION

Our SFP Series transceivers are designed to meet the challenges of diverse network topologies in datacenter, networking, and high performance computing applications for fiber 1.25GB, copper 1.25GB, and fiber 125MB applications. Our ongoing commitment to reliability, speed, and low cost of ownership yields dependable uptime and performance to meet your service requirements. Selections include dual-fiber, single-fiber, CWDM dual-fiber, and copper.

APPLICATIONS

- Fiber Optic transmission equipment systems
- Fiber Optic switches/routers/server interfaces
- 3G/LTE base stations
- FTTx systems
- Fiber optic repeaters
- Fiber optic monitoring systems
- Fiber access systems
- Other optical links

STANDARDS

- SFP MSA
- SFF-8472
- ITU-T G.957/958
- IEEE 802.3z

FEATURES AND BENEFITS

- Thoroughly tested for high reliability, and performance
- Hot-pluggable capability for ease of maintenance
- DDMI compliance with SFF-8472
- Data Rates 1.25MB to 1.25GB
- Link distances up to 120km
- RoHS compliance for EU standards

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Form Factor	Data Rate	Application	Wavelength (nm)	Laser Type	Cable	Distance	Connector Type	DOM	Operating Temp (°C)	Voltage
SFP	1.25 Gbps	1000BASE-SX	850	1490/1310	MMF	550m	Duplex LC	Y	0 - 70	3.3V
SFP	1.25 Gbps	1000BASE-LX	1310	FP	SMF	10km	Duplex LC	Y	0 - 70	3.3V
SFP	1.25 Gbps	1000BASE-EX	1310	DFB	SMF	40km	Duplex LC	Y	0 - 70	3.3V
SFP	1.25 Gbps	1000BASE-EZX	1550	DFB	SMF	120km	Duplex LC	Y	0 - 70	3.3V
SFP	1.25 Gbps	1000BASE-ZX	1550	DFB	SMF	80km	Duplex LC	Y	0 - 70	3.3V
Copper SFP	1.25 Gbps	1000BASE-T	N/A	N/A	Cu	100m	RJ45	N	0 - 70	3.3V
SFP-BD	1.25 Gbps	BIDI	1490/1310	FP	SMF	20km	Simplex LC	Y	0 - 70	3.3V
SFP-BD	1.25 Gbps	BIDI	1310/1490	FP	SMF	20km	Simplex LC	Y	0 - 70	3.3V
SFP-BD	1.25 Gbps	BIDI	1490/1310	FP	SMF	40km	Simplex LC	Y	0 - 70	3.3V
SFP-BD	1.25 Gbps	BIDI	1310/1490	FP	SMF	40km	Simplex LC	Y	0 - 70	3.3V
SFP	1.25 Gbps	CWDM	1270 to 1610	DFB	SMF	100km	Duplex LC	Y	0 - 70	3.3V
SFP	125 Mbps	100BASE-FX	1310	LED	MMF	2km	Duplex LC	N	0 - 70	3.3V
SFP	125 Mbps	100BASE-LX	1310	FP	SMF	15km	Duplex LC	N	0 - 70	3.3V
SFP	125 Mbps	100BASE-EX	1310	FP	SMF	40km	Duplex LC	N	0 - 70	3.3V
SFP	125 Mbps	100BASE-ZX	1550	DFB	SMF	80km	Duplex LC	N	0 - 70	3.3V
SFP-BD	125 Mbps	BIDI	1550/1310	FP	SMF	20km	Simplex LC	Y	0 - 70	3.3V
SFP-BD	125 Mbps	BIDI	1310/1550	FP	SMF	20km	Simplex LC	Y	0 - 70	3.3V
SFP	125 Mbps	GE-100FX SGMII	1310	LED	MMF	2km	Duplex LC	N	0 - 70	3.3V

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