

1.25Gbps SFP

1.25Gbps SFP Fibre Transceivers

datasheet 1.25Gbps SFP

Short Description	Order Code	Data Rate	Wavelength	Media	Distance	Tx Max (dBm)	Tx Min (dBm)	Rx Max (dBm)	Rx Min (dBm)	Min Attenuation (dB)	Loss Budget (dB)
1000base SX 850nm 550m	80-31-011	1.25Gbps	850nm	MMF Dual-LC	550m	-3.0	-9.5	-3.0	-17.0	0.0	7.5
1000base LX 1310nm 10km	80-31-031	1.25Gbps	1310nm	SMF Dual-LC	10km	-3.0	-9.0	-3.0	-21.0	0.0	12.0
1000base ELX 1310nm 20km	80-31-032	1.25Gbps	1310nm	SMF Dual-LC	20km	-3.0	-9.0	-3.0	-24.0	0.0	15.0
1000base XD 1310nm 40km	80-31-033	1.25Gbps	1310nm	SMF Dual-LC	40km	0.0	-5.0	-3.0	-24.0	3.0	19.0
1000base MM Bi-Di 1km	80-31-016	1.25Gbps	Tx 1550nm / Rx 1310nm	MMF LC	1km	-3.0	-9.0	-3.0	-21.0	0.0	12.0
1000base MM Bi-Di 1km	80-31-017	1.25Gbps	Tx 1310nm / Rx 1550nm	MMF LC	1km	-3.0	-9.0	-3.0	-21.0	0.0	12.0
1000base Bi-Di 10km	80-31-036	1.25Gbps	Tx 1550nm / Rx 1310nm	SMF LC	10km	-3.0	-9.0	-3.0	-21.0	0.0	12.0
1000base Bi-Di 10km	80-31-037	1.25Gbps	Tx 1310nm / Rx 1550nm	SMF LC	10km	-3.0	-9.0	-3.0	-21.0	0.0	12.0
1000base Bi-Di 40km	80-31-038	1.25Gbps	Tx 1550nm / Rx 1310nm	SMF LC	40km	0.0	-5.0	-3.0	-23.0	3.0	18.0
1000base Bi-Di 40km	80-31-039	1.25Gbps	Tx 1310nm / Rx 1550nm	SMF LC	40km	2.0	-3.0	-3.0	-23.0	5.0	20.0
1000base Bi-Di 80km	80-31-136	1.25Gbps	Tx 1550nm / Rx 1490nm	SMF LC	80km	3.0	-2.0	-3.0	-26.0	6.0	24.0
1000base Bi-Di 80km	80-31-137	1.25Gbps	Tx 1490nm / Rx 1550nm	SMF LC	80km	3.0	-2.0	-3.0	-26.0	6.0	24.0
1000base Bi-Di 120km	80-31-138	1.25Gbps	Tx 1550nm / Rx 1490nm	SMF LC	120km	5.0	0.0	-8.0	-32.0	13.0	32.0
1000base Bi-Di 120km	80-31-139	1.25Gbps	Tx 1490nm / Rx 1550nm	SMF LC	120km	5.0	0.0	-8.0	-32.0	13.0	32.0
1000base ZX 1550nm 80km	80-31-042	1.25Gbps	1550nm	SMF Dual-LC	80km	5.0	0.0	-3.0	-24.0	8.0	24.0
1000base EZX 1550nm 120km	80-31-043	1.25Gbps	1550nm	SMF Dual-LC	120km	5.0	0.0	-9.0	-32.0	14.0	32.0
1000base 1550nm 160km	80-31-044	1.25Gbps	1550nm	SMF Dual-LC	160km	6.0	3.0	-9.0	-33.0	15.0	36.0
1000base CWDM 80km	80-31-052	1.25Gbps	1270nm - 1610nm	SMF Dual-LC	80km	5.0	0.0	-3.0	-24.0	8.0	24.0
1000base CWDM 120km	80-31-053	1.25Gbps	1270nm - 1610nm	SMF Dual-LC	120km	5.0	0.0	-9.0	-32.0	14.0	32.0
1000base CWDM 160km	80-31-054	1.25Gbps	1470nm - 1610nm	SMF Dual-LC	160km	6.0	3.0	-9.0	-33.0	15.0	36.0
1000base 100GHz DWDM 80km	80-31-062	1.25Gbps	Ch17 - Ch61	SMF Dual-LC	80km	5.0	0.0	-3.0	-26.0	8.0	24.0
1000base 100GHz DWDM 120km	80-31-063	1.25Gbps	Ch17 - Ch61	SMF Dual-LC	120km	5.0	0.0	-8.0	-32.0	13.0	32.0
1000base 100GHz DWDM 160km	80-31-064	1.25Gbps	Ch17 - Ch61	SMF Dual-LC	160km	5.0	2.0	-8.0	-33.0	13.0	35.0

Exact optical specifications may vary from those stated above which are representative for loss budgetary design purposes. If link optical parameters are marginal or critical then re-check these optical specifications at the time of purchase.

Operating distances are nominal and actually depend on fibre link losses which are made up of the fibre length and attenuation, as well as the number and quality of fibre connections and fibre patches.

Please note that failure to observe the Rx Max and Min Attenuation parameters may cause transceiver damage.

Alternative operating distances may also be available.

