



Gigabit-SFP Transceivers

Variety of Fiber SFP's available:

- Single Fiber BiDi
- Dual Fiber
- Singlemode or Multimode
- CWDM and DWDM
- Distances up to 120km



SFP Transceivers are high performance, cost effective modules for serial optical data communications applications at 1.25/2.5Gbps. They operate with +3.3V/5V power supplies and are intended for single mode or multi-mode fiber, operating at various wavelengths. Each SFP Transceiver consists of a transmitter optical subassembly, a receiver optical subassembly and an electrical subassembly. SFP Transceivers are designed for use in Gigabit Ethernet and to provide an IEEE-802.3z compliant link for 1.25/2.5Gbps short or long reach applications.

209-339-2333

www.maxcomcorp.com

Model	Distance	Wavelength	Min Output (dBm)	Rx Sensitivity (dBm)	Optical Budget
Multimode Fiber					
SFP-MM550m-850	550m	850nm	-9.5	-18	8.5
SFP-MM2K-31	2Km	1310nm	-9	-19	10
Dual Fiber (Single Mode Fiber)					
SFP-MX10-31	10Km	Dual Fiber 1310nm	-9.5	-20	10.5
SFP-MX40-55	40Km	Dual Fiber 1550nm	-4	-24	20
SFP-MX80-55	80Km	Dual Fiber 1550nm	0	-24	24
SFP-MX120-55	120Km	Dual Fiber 1550nm	0	-30	30
Single Fiber Strand BiDi (Single Mode Fiber) *Note, order in pairs (side A & B)					
SFP-MX20-S-A	20Km	Tx:1310nm Rx:1550nm	-8	-23	15
SFP-MX20-S-B	20Km	Tx:1550nm Rx:1310nm	-8	-23	15
SFP-MX40-S-A	40Km	Tx:1310nm Rx:1550nm	-3	-23	20
SFP-MX40-S-B	40Km	Tx:1550nm Rx:1310nm	-3	-23	20
SFP-MX80-S-A	80Km	Tx:1490nm Rx:1550nm	0	-27	27
SFP-MX80-S-B	80Km	Tx:1550nm Rx:1490nm	0	-27	27
SFP-MX120-S-A	120Km	Tx:1490nm Rx:1590nm	3	-32	35
SFP-MX120-S-B	120Km	Tx:1590nm Rx:1490nm	3	-32	35
CWDM Dual Fiber (Single Mode Fiber)					
SFS-MX80-Cxx	80Km	xx :(27 to 61) example: 47=1470nm, 49=1490nm, 51=1510nm, etc.	0	-23	23
DWDM Dual Fiber (Single Mode Fiber)					
SFS-MX80-Dxx	80Km	xx :(itu 17 to 61) example: 23 =1558.98nm, 40 =1545.32nm, 52=1535.82nm, etc.	0	-23	23
SFS-MX100-Dxx	100Km	xx :(itu 17 to 61) example: 23 =1558.98nm, 40 =1545.32nm, 52=1535.82nm, etc.	0	-29	29