

SFP Fiber Transceiver

SFP Fiber Transceiver Series



Gigabit Ethernet

+ Non-Hardened (Operating Temperature: 0 to 70°C/32 to 158°F)



Single LC	Distance	Cable Type	Wavelength	Link Budget**	Optical Output Power	Sensitivity
EX-1250TBP-MB1LS	550m	62.5/125µm/50/125µm, MM	TX: 1310nm RX: 1550nm	7dBm	-10 to -4dBm	-17dBm
EX-1250TBP-LB1LS	550m	62.5/125µm/50/125µm, MM	TX: 1550nm RX: 1310nm	7dBm	-10 to -4dBm	-17dBm
EX-1250TBP-MB4LS	10Km	9/125µm, SM	TX: 1310nm RX: 1550nm	12dBm	-9 to -3dBm	-21dBm
EX-1250TBP-KB4LS	10Km	9/125µm, SM	TX: 1550nm RX: 1310nm	12dBm	-9 to -3dBm	-21dBm
EX-1250TBP-MB5LS	20Km	9/125µm, SM	TX: 1310nm RX: 1550nm	15dBm	-8 to -3dBm	-23dBm
EX-1250TBP-KB5LS	20Km	9/125µm, SM	TX: 1550nm RX: 1310nm	15dBm	-8 to -3dBm	-23dBm
EX-LS38-C3L-TC-N-CE (DDM)	40Km	9/125µm, SM	TX: 1310nm RX: 1550nm	20dBm	-3 to +2dBm	-23dBm
EX-LS48-C3L-TC-N-CE (DDM)	40Km	9/125µm, SM	TX: 1550nm RX: 1310nm	20dBm	-3 to +2dBm	-23dBm
EX-LS38-C3U-TC-N-CE (DDM)	60Km	9/125µm, SM	TX: 1310nm RX: 1550nm	24dBm	0 to +5dBm	-24dBm
EX-LS48-C3U-TC-N-CE (DDM)	60Km	9/125µm, SM	TX: 1550nm RX: 1310nm	23dBm	-2 to +4dBm	-25dBm
EX-LS48-C3U-TC-N51-CE (1510nm) (DDM)	80Km	9/125µm, SM	TX: 1510nm RX: 1570nm	24dBm	-2 to +3dBm	-26dBm
EX-LS48-C3U-TC-N57-CE (1570nm) (DDM)	80Km	9/125µm, SM	TX: 1570nm RX: 1510nm	24dBm	-2 to +3dBm	-26dBm

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Duplex LC	Distance	Cable Type	Wavelength	Link Budget**	Optical Output Power	Sensitivity
SFPGIM5AC (DDM)	275m 550m	62.5/125μm/50/125μm, MM	850nm	7.5dBm	-19 to -14dBm	-17dBm
SFPGIM02C (DDM)	2Km	62.5/125μm, MM	1310nm	13.5dBm	-9.5 to -3dBm	-23dBm
EX-1250TSP-MB4LS	10km	9/125 μm, SM	1310nm	10.5dBm	-9.5 to -3dBm	-20dBm
SFPGIS10C (DDM)	10Km	9/125μm, SM	1310nm	11.5dBm	-9.5 to -3dBm	-21dBm
EX-1250TSP-MB5LS	20Km	9/125μm, SM	1310nm	15dBm	-9 to -3dBm	-24dBm
EX-LS38-C3L-TC-N-EB (DDM)	40Km	9/125μm, SM	1310nm	20dBm	-3 to +2dBm	-23dBm
EX-LS48-C3U-TC-N-EB (DDM)	70Km	9/125μm, SM	1550nm	23dBm	0 to +5dBm	-23dBm
SFPGIS90C (DDM)	90Km	9/125μm, SM	1550nm	27dBm	0 to +5dBm	-27dBm

+ Hardened (Operating Temperature: -40 to 85°C/-40 to 185°F)



RJ-45	Distance	Cable Type	Wavelength	Link Budget**	Optical Output Power	Sensitivity
SFPGXT1AM	100m	Cat. 5 or better	-	-	-	-

+ Hardened (Operating Temperature: -40 to 85°C/-40 to 185°F)



Single LC	Distance	Cable Type	Wavelength	Link Budget**	Optical Output Power	Sensitivity
EX-1250TBP-MB1L-AS	550m	62.5/125μm/50/125μm, MM	TX: 1310nm RX: 1550nm	7dBm	-10 to -4dBm	-17dBm
EX-1250TBP-LB1L-AS	550m	62.5/125μm/50/125μm, MM	TX: 1550nm RX: 1310nm	7dBm	-10 to -4dBm	-17dBm
EX-LM38-C3S-TI-N-CE (DDM)	550m	62.5/125μm, MM	TX: 1310nm RX: 1550nm	8dBm	-10 to +2dBm	-18dBm
EX-LM48-C3S-TI-N-CE (DDM)	550m	62.5/125μm, MM	TX: 1550nm RX: 1310nm	10dBm	-8 to 0dBm	-18dBm
EX-1250TBP-MB4L-AS	10Km	9/125μm, SM	TX: 1310nm RX: 1550nm	12dBm	-9 to -3dBm	-21dBm
EX-1250TBP-KB4L-AS	10Km	9/125μm, SM.	TX: 1550nm RX: 1310nm	12dBm	-9 to -3dBm	-21dBm
EX-1250TBP-MB5L-AS	20Km	9/125μm, SM	TX: 1310nm RX: 1550nm	15dBm	-8 to -3dBm	-23dBm
EX-1250TBP-KB5L-AS	20Km	9/125μm, SM	TX: 1550nm RX: 1310nm	15dBm	-8 to -3dBm	-23dBm
SFPGYS20M (DDM)	20Km	9/125μm, SM	TX: 1310nm RX: 1550nm	15dBm	-8 to -2dBm	-23dBm
SFPGZS20M (DDM)	20Km	9/125μm, SM	TX: 1550nm RX: 1310nm	15dBm	-8 to -2dBm	-23dBm
EX-LS38-C3L-TI-N-CE (DDM)	40Km	9/125μm, SM	TX: 1310nm RX: 1550nm	20dBm	-3 to +2dBm	-23dBm
EX-LS48-C3L-TI-N-CE (DDM)	40Km	9/125μm, SM	TX: 1550nm RX: 1310nm	20dBm	-3 to +2dBm	-23dBm
EX-LS38-C3U-TI-N-CE (DDM)	60Km	9/125μm, SM	TX: 1310nm RX: 1550nm	24dBm	0 to +5dBm	-24dBm
EX-LS48-C3U-TI-N-CE (DDM)	60Km	9/125μm, SM	TX: 1550nm RX: 1310nm	23dBm	-2 to +4dBm	-25dBm

+ Hardened (Operating Temperature: -40 to 85°C/-40 to 185°F)



Duplex LC	Distance	Cable Type	Wavelength	Link Budget**	Optical Output Power	Sensitivity
SFPGIM5AM (DDM)	275m 550m	62.5/125μm/50/125μm, MM	850nm	7.5dBm	-9.5 to -4dBm	-17dBm
SFPGIM02M (DDM)	2Km	50/125μm, MM	1310nm	13.5dBm	-9.5 to -3dBm	-23dBm
SFPGIS10M (DDM)	10Km	9/125μm, SM	1310nm	11.5dBm	-9.5 to -3dBm	-21dBm
SFPGIS20M (DDM)	20Km	9/125μm, SM	1310nm	15dBm	-8 to -3dBm	-23dBm
EX-LS38-C3L-TI-N-EB (DDM)	40Km	9/125μm, SM	1310nm	20dBm	-3 to +2dBm	-23dBm
EX-LS48-C3U-TI-N-EB (DDM)	70Km	9/125μm, SM	1550nm	23dBm	0 to +5dBm	-23dBm

*** More SFP options upon the request.**

**** Link Budget data is based on pair of the same SFP modules.**

