



SFP Small Form Pluggable - TAA Compliant - Ethernet Modules

Model Number	Single/Multimode/Copper	Fibers	Distance	Wavelength nm Tx/Rx	DataRate Mb/s	Tx Power dBm	Rx Sensitivity dBm	Rx Max In Pwr dBm	Loss Budget dB	Connector	DMI Yes/No	Compatibility	Case Temp °C
Copper 100/1000													
SFP-TX1A	Copper	Cat5	100m	NA	Triple Sp	NA	NA	NA	NA	RJ45	No	MSA	0 to +50
SFP-TX1AH	Copper	Cat5	100m	NA	Triple Sp	NA	NA	NA	NA	RJ45	No	MSA	-40 to +85
SFP-TX1B ^{*3}	Copper	Cat5	100m	NA	Triple Sp	NA	NA	NA	NA	RJ45	No	MSA	0 to +50
SFP-TX1BH ^{*3}	Copper	Cat5	100m	NA	Triple Sp	NA	NA	NA	NA	RJ45	No	MSA	-40 to +85
SFP-TX2A	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	0 to +50
SFP-TX2AH	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	-40 to +85
SFP-TX2B ^{*4}	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	0 to +50
SFP-TX2BH ^{*4}	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	-40 to +85
SFP-TX2C ^{*5}	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	0 to +50
SFP-TX2CH ^{*5}	Copper	Cat5	100m	NA	1000	NA	NA	NA	NA	RJ45	No	MSA	-40 to +85
100BASE-FX													
SFP-OC3MD	Multimode	2	2Km	1310	100	-20 to -14	-28	-8	12	LC	Yes	MSA	0 to +50
SFP-OC3MDH	Multimode	2	2Km	1310	100	-20 to -14	-28	-8	12	LC	Yes	MSA	-40 to +85
SFP-OC3SD2	Multimode	2	20Km	1310	100	-15 to -8	-29	-8	14	LC	Yes	MSA	0 to +50

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Model Number	Single/ Multimode/ Copper	Fibers	Distance	Wavelength nm Tx/Rx	DataRate Mb/s	Tx Power dBm	Rx Sensi- tivity dBm	Rx Max In Pwr dBm	Loss Budget dB	Con- nector	DMI Yes/No	Compa- tibility	Case Temp °C
SFP-OC3SD2H	Singlemode	2	20Km	1310	100	-15 to -8	-29	-8	14	LC	Yes	MSA	-40 to +85
SFP-OC3SD4	Singlemode	2	40Km	1310	100	-7 to -2	-32	-10	25	LC	Yes	MSA	0 to +50
SFP-OC3SD4H	Singlemode	2	40Km	1310	100	-7 to -2	-32	-10	25	LC	Yes	MSA	-40 to +85
SFP-OC3SD21	Singlemode	1	20Km	1310/1550	100	-15 to -7	-28	-8	13	LC	Yes	MSA	-40 to +85
SFP-OC3SD21H	Singlemode	1	20Km	1550/1310	100	-15 to -7	-28	-8	13	LC	Yes	MSA	-40 to +85
1000BASE-SX													
SFP-SXD	Multimode	2	550m ^{*1}	850	1000	-9 to -3	-17	0	5	LC	Yes	MSA	0 to +50
SFP-SXDH	Multimode	2	550m ^{*1}	850	1000	-9 to -3	-17	0	5	LC	Yes	MSA	-40 to +85
SFP-ESXD	Multimode	2	2Km ^{*2}	1310	1000	-5 to 0	-20	0	15	LC	Yes	MSA	0 to +50
SFP-ESXDH	Multimode	2	2Km ^{*2}	1310	1000	-5 to 0	-20	0	15	LC	Yes	MSA	-40 to +85
SFP-ESXD1	Multimode	1	2Km ^{*2}	1310/1550	1000	-11 to -3	-19	-3	8	LC	Yes	MSA	0 to +50
SFP-ESXD1H	Multimode	1	2Km ^{*2}	1310/1550	1000	-11 to -3	-19	-3	8	LC	Yes	MSA	-40 to +85
SFP-ESXD2	Multimode	1	2Km ^{*2}	1550/1310	1000	-11 to -3	-19	-3	8	LC	Yes	MSA	0 to +50
SFP-ESXD2H	Multimode	1	2Km ^{*2}	1550/1310	1000	-11 to -3	-19	-3	8	LC	Yes	MSA	-40 to +85
1000BASE-LX													
SFP-LXD1	Singlemode	2	10Km	1310	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	0 to +50
SFP-LXD1H	Singlemode	2	10Km	1310	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	-40 to +85
SFP-LXD2	Singlemode	2	20Km	1310	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	0 to +50
SFP-LXD2H	Singlemode	2	20Km	1310	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	-40 to +85
SFP-LXD4	Singlemode	2	40Km	1310	1000	-5 to 0	-24	0	19	LC	Yes	MSA	0 to +50
SFP-LXD4H	Singlemode	2	40Km	1310	1000	-5 to 0	-24	0	19	LC	Yes	MSA	-40 to +85
SFP-LXD21H	Singlemode	1	20Km	1310/1550	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	-40 to +85
SFP-LXD22H	Singlemode	1	20Km	1550/1310	1000	-9 to -3	-20	-3	11	LC	Yes	MSA	-40 to +85

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10GBASE-SR													
SFPP-10GSRD	Multimode	2	300m	850	10G	-6 to -1	-10	0.5	1	LC	Yes	MSA	0 to +50
SFPP-10GSRDH	Multimode	2	300m	850	10G	-6 to -1	-10	0.5	1	LC	Yes	MSA	-40 to +85
10GBASE-LR													
SFPP-10GLRD1	Singlemode	2	10Km	1310	10G	-6 to -0.5	-14.4	0.5	8.4	LC	Yes	MSA	0 to +50
SFPP-10GLRD1H	Singlemode	2	10Km	1310	10G	-6 to -0.5	-14.4	0.5	8.4	LC	Yes	MSA	-40 to +85
SFPP-10GLRD2	Singlemode	2	20Km	1310	10G	-6 to -1	-14.4	0.5	8.4	LC	Yes	MSA	0 to +50
SFPP-10GLRD2H	Singlemode	2	20Km	1310	10G	-6 to -1	-14.4	0.5	8.4	LC	Yes	MSA	-40 to +85
SFPP-10GLRD4	Singlemode	2	40Km	1550	10G	-1 to -3	-15.8	0.5	14.8	LC	Yes	MSA	0 to +50
SFPP-10GLRD4H	Singlemode	2	40Km	1550	10G	-1 to -3	-15.8	0.5	14.8	LC	Yes	MSA	-40 to +85

*1. 550m using OM2 50/125µm fiber, 220m using OM1 62.5/125µm fiber, (1000m using OM3 or OM4 50/125µm fiber)

*2. 2Km using OM2 50/125µm fiber, 1Km using OM1 62.5/125µm fiber

*3. Cisco compatible SFP.

*4. Cisco, Nexus, Huawei compatible SFP

*5. HP compatible SFP

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