

Industrial network components

Industrial SFP modules

SFP module is a replaceable, compact transceiver, installed in various telecommunication equipment. Industrial SFP modules are designed to operate in a wide range of operating temperatures from -40 to +85°C and are used in conjunction with industrial switches and media converters. Modules can work either one or two fibers.

- Single-fiber SFP (Bi-Di, WDM) modules can have an optical connector type SC or LC.
- Dual Fiber SFP modules typically have an LC type optical connector.
- SFP modules can be ordered with DMI (Diagnostic monitoring interface) support.
- In this case, the index name D is added to the name of the model (SFG-L04-DI).

Models	Vendor code	Wavelength (nm)	TX Power (dBm)	RX Sens. (dBm)	MM or SM LC or SC	Distance (km)	DMI
155 Mbps [dual fiber] LC							
SF-MM2-I	NM3115-02-I	1310	-12 to -19	-30	MM, LC	2	-
SF-S01-I	NI3115-10-I	1310	-8 to -15	-31	SM, LC	10	-
155 Mbps [single fiber/ Bi-Di/ WDM] LC / SC							
SF-W0M/A-I	NC3115-M2-I	Tx-1310/ Rx-1550	-8 to -15	-30	MM, SC (50/125µm)	2	-
SF-W0M/B-I	NC5515-M2-I	Tx-1550/ Rx-1310					
SF-W02/A-I	NC3115-20-I	Tx-1310/ Rx-1550	-8 to -14	-34	SM, SC	20	-
SF-W02/B-I	NC5515-20-I	Tx-1550/ Rx-1310					
SF-W02/AL-I	NK3115-20-I	Tx-1310/ Rx-1550	-8 to -14	-34	SM, LC	20	-
SF-W02/BL-I	NK5515-20-I	Tx-1550/ Rx-1310					
1.25 Gbps [dual fiber] LC							
SFG-MM2-I	NM3112-02-I	1310	-10 to -14	-22	MM, LC	2	-
SFG-SXMM-DI	NM8512-M5-DI	850	-10 to -14	-22	MM, LC	0,5	+
SFG-L01-I	NI3112-10-I	1310	-3 to -9	-20	SM, LC	10	-
SFG-L01-DI	NI3112-10-DI	1310	-3 to -9	-20	SM, LC	10	+
SFG-L04-DI	NI3112-40-DI	1310	3 to -1	-22	SM, LC	40	+
1.25 Gbps [single fiber/ Bi-Di/ WDM] LC / SC							
SFG-W0M/A-I	NC3112-M5-I	Tx-1310/ Rx-1550	-4 to -10	-17	MM, SC (50/125µm)	0,5	-
SFG-W0M/B-I	NC5512-M5-I	Tx-1550/ Rx-1310					
SFG-WL3/A-DI	NC3112-03-DI	Tx-1310/ Rx-1550	-3 to -10	-17	SM, SC	3	+
SFG-WL3/B-DI	NC5512-03-DI	Tx-1550/ Rx-1310					
SFG-W01/U-DI	NK3112-10-DI	Tx-1310/ Rx-1490	-3 to -9	-22	SM, LC	10	+
SFG-W01/D-DI	NK4912-10-DI	Tx-1490/ Rx-1310					
SFG-W02/A-DI	NC3112-20-DI	Tx-1310/ Rx-1550	-3 to -8	-22	SM, SC	20	+
SFG-W02/B-DI	NC5512-20-DI	Tx-1550/ Rx-1310					
SFG-W04/A-DI	NC3112-40-DI	Tx-1310/ Rx-1550	3 to -2	-23	SM, SC	40	+
SFG-W04/B-DI	NC5512-40-DI	Tx-1550/ Rx-1310					
10 Gbps SFP+ [dual fiber] and [single fiber/ Bi-Di/ WDM] LC							
SFG10-L01-I	NS3110-10-I	1310	0.5 to -8	-14.4	SM, LC	10	+
SFG10-W01/A-I	NK2710-10-I	Tx-1270/ Rx-1330	0 to -5	-14	SM, LC	10	+
SFG10-W01/B-I	NK3310-10-I	Tx-1330/ Rx-1270					
SFP modules RJ45 / Copper SFP							
SFT-C11-I	NT1112-X1-I	SFP 10/100/1000Base-T RJ45 100m (-40°C ~ +85°C) Industrial					

