



SFP Fiber Transceivers



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Plug in SFP Port



KTI provides a variety of optional Small Form-Factor Pluggable (SFP), which is also known as Mini-GBIC, fiber transceivers for the switches equipped with SFP connectors. The following information describes the specification of each SFP part, and it also indicates their applications in different KTI networking products.

Ordering Informations:

Part No.	GbE/FE	Connectors	Ref. Fiber Distance	Operating Temperature	RoHS	DDM
SFP-GLM-A	GbE	LC	MMF 550m	0°C-70°C	✓	
SFP-GLM-A-1310	GbE	LC	MMF 2km	0°C-70°C	✓	
SFP-GLS-10-A	GbE	LC	SMF 10km	0°C-70°C	✓	
SFP-GLS-20-A	GbE	LC	SMF 20km	0°C-70°C	✓	
SFP-GLSD-20-A	GbE	LC	SMF 20km	0°C-70°C	✓	✓
SFP-GLS-30-A	GbE	LC	SMF 30km	0°C-70°C	✓	
SFP-GLSD-30-A	GbE	LC	SMF 30km	0°C-70°C	✓	✓
SFP-GLS-50-A	GbE	LC	SMF 50km	0°C-70°C	✓	
SFP-GLSD-50-A	GbE	LC	SMF 50km	0°C-70°C	✓	✓
SFP-GLS-70-A	GbE	LC	SMF 70km	0°C-70°C	✓	
SFP-GLSD-70-A	GbE	LC	SMF 70km	0°C-70°C	✓	✓
SFP-GLSD-W3510-A	GbE	LC	Bi-Di SMF 10km	0°C-70°C	✓	✓
SFP-GLSD-W5310-A	GbE	LC	Bi-Di SMF 10km	0°C-70°C	✓	✓
SFP-GLS-W3510-A	GbE	LC	Bi-Di SMF 10km	0°C-70°C	✓	
SFP-GLS-W5310-A	GbE	LC	Bi-Di SMF 10km	0°C-70°C	✓	
SFP-GLS-W3520-A	GbE	LC	Bi-Di SMF 20km	0°C-70°C	✓	
SFP-GLS-W5320-A	GbE	LC	Bi-Di SMF 20km	0°C-70°C	✓	
SFP-GLS-W3540-A	GbE	LC	Bi-Di SMF 40km	0°C-70°C	✓	
SFP-GLS-W5340-A	GbE	LC	Bi-Di SMF 40km	0°C-70°C	✓	
SFP-GLS-CxxW50-A	GbE	LC	CWDM SMF 50km	0°C-70°C	✓	
SFP-GLS-CxxW80-A	GbE	LC	CWDM SMF 80km	0°C-70°C	✓	
SFP-FC-M-A	FE	LC	MMF 2km	0°C-70°C	✓	
SFP-FC-S30-A	FE	LC	SMF 30km	0°C-70°C	✓	
SFP-FCD-S30-A	FE	LC	SMF 30km	0°C-70°C	✓	✓
SFP-FC-S60-A	FE	LC	SMF 60km	0°C-70°C	✓	
SFP-FC-S100-A	FE	LC	SMF 100km	0°C-70°C	✓	
SFP-FC-W3520-A	FE	LC	SMF 20km	0°C-70°C	✓	
SFP-FC-W5320-A	FE	LC	SMF 20km	0°C-70°C	✓	
SFP-GLM-A-A	GbE	LC	MMF 550m	-20°C-85°C	✓	
SFP-GLMD-A-A	GbE	LC	MMF 550m	-20°C-85°C	✓	✓
SFP-GLS-10A-A	GbE	LC	SMF 10km	-40°C-85°C	✓	
SFP-GLSD-50A-A	GbE	LC	SMF 50km	-40°C-85°C	✓	✓

- *GbE: Gigabit Ethernet
- *FE: Fast Ethernet
- *DDM: Digital Diagnostics Monitoring function



Applications:

Model	Product	SFP Ports
KGC-300	GbE MC	GbE
KGC-311	MC	GbE, FE
KGC-310M	GbE MC	GbE
KG-500F	GbE NIC	GbE
KGS-510F	GbE Switch	GbE
KGS-612F	GbE Switch	GbE, FE (DDM)
KCD-400	GbE MC	GbE (Industrial)
KGD-600	GbE Switch	GbE (Industrial)

MC: media Converter
NIC: Network interface card

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SFP-FI-M-A	FE	LC	MMF 2km	-40°C~85°C	✓
SFP-FI-S30-A	FE	LC	SMF 30km	-40°C~85°C	✓

Optical Specifications:

Part No.	Wavelength	Tx Power	Rx Sens.	Rx Max.
SFP-GLM-A	850nm	-9.5 ~ -4	-18	-1
SFP-GLM-A-1310	1310nm	-9 ~ -1	-19	-1
SFP-GLS-10-A	1310nm	-9.5 ~ -3	-20	-3
SFP-GLS-20-A	1310nm	-8 ~ -2	-23	-1
SFP-GLSD-20-A	1310nm	-8 ~ -2	-23	-1
SFP-GLS-30-A	1310nm	-4 ~ +3	-23	-3
SFP-GLSD-30-A	1310nm	-4 ~ +3	-23	-3
SFP-GLS-50-A	1550nm	-4 ~ +1	-23	-3
SFP-GLSD-50-A	1550nm	-4 ~ +1	-23	-3
SFP-GLS-70-A	1550nm	0 ~ +5	-24	-3
SFP-GLSD-70-A	1550nm	0 ~ +5	-24	-3
SFP-GLSD-W3510-A	Tx: 1310nm Rx: 1550nm	-9 ~ -3	-21	-3
SFP-GLSD-W5310-A	Tx: 1550nm Rx: 1310nm	-9 ~ -3	-21	-3
SFP-GLS-W3510-A	Tx: 1310nm Rx: 1550nm	-9 ~ -3	-21	-3
SFP-GLS-W5310-A	Tx: 1550nm Rx: 1310nm	-9 ~ -3	-21	-3
SFP-GLS-W3520-A	Tx: 1310nm Rx: 1550nm	-8 ~ -3	-23	-3
SFP-GLS-W5320-A	Tx: 1550nm Rx: 1310nm	-8 ~ -3	-23	-3
SFP-GLS-W3540-A	Tx: 1310nm Rx: 1550nm	-3 ~ +2	-23	-1
SFP-GLS-W5340-A	Tx: 1550nm Rx: 1310nm	-3 ~ +2	-23	-1
SFP-GLS-CxxW50-A	Tx: 1xx0nm (1470~1610nm)	0 ~ +5	-24	-1
SFP-GLS-CxxW80-A	Tx: 1xx0nm (1470~1610nm)	0 ~ +5	-30	-8
SFP-FC-M-A	1310nm	-20 ~ -14	-31	-8
SFP-FC-S30-A	1310nm	-15 ~ -8	-34	0
SFP-FC-D-S30-A	1310nm	-15 ~ -8	-34	0
SFP-FC-S60-A	1310nm	-5 ~ 0	-35	0
SFP-FC-S100-A	1550nm	-5 ~ 0	-35	0
SFP-FC-W3520-A	Tx: 1310nm Rx: 1550nm	-14 ~ -8	-32	0
SFP-FC-W5320-A	Tx: 1550nm Rx: 1310nm	-14 ~ -8	-32	0
SFP-GLM-A-A	850nm	-9.5 ~ -4	-18	-1
SFP-GLMD-A-A	850nm	-9.5 ~ -4	-18	0
SFP-GLS-10A-A	1310nm	-9.5 ~ -3	-20	-3
SFP-GLSD-50A-A	1550nm	-4 ~ +1	-24	-3
SFP-FI-M-A	1310nm	-20 ~ -14	-31	-8
SFP-FI-S30-A	1310nm	-15 ~ -8	-34	0

*Tx Power, Rx Sensitivity, Rx Power -dBm