



# SFP Fiber Transceivers



## SFP Fiber Transceivers

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