

SFP-1FE Series

1-port fast Ethernet SFP modules



The certification logos shown here apply to some or all of the products in this section. For details, see "Regulatory Approvals" under "Specifications" below.

- > Single + 3.3 V power Supply
- > Small Form Factor Pluggable MSA Compliant
- > PECL Differential Inputs and Output
- > TTL Signal Detect Indicator
- > Compliant with SONET / SDH Standard
- > LC Duplex Connector
- > EEPROM with serial ID functionality
- > Class 1 Laser International Safety Standard IEC 825 Compliant



: Specifications

Interface

Ethernet Ports: 1

Connectors: Duplex LC Connector

Optical Fiber

	Fast Ethernet		
	SFP-M	SFP-S	SFP-L
Wavelength	1300 nm	1310 nm	1550 nm
Max. TX	-18 dBm	0 dBm	0 dBm
Min. TX	-8 dBm	-5 dBm	-5 dBm
RX Sensitivity	-34 dBm	-34 dBm	-34 dBm
Link Budget	26 dB	29 dB	29 dB
Typical Distance	4 km ^a	40 km ^b	80 km ^b
Saturation	0 dBm	-3 dBm	-3 dBm

a. 50/125 μ m or 62.5/125 μ m, 800 MHz * km @ 1300 nm multi-mode fiber optic cable

b. 9/125 μ m single-mode fiber optic cable

Environmental Limits

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

Storage Temperature: -40 to 85°C (-40 to 185°F)

Ambient Relative Humidity: 5 to 95% (non-condensing)

Regulatory Approvals

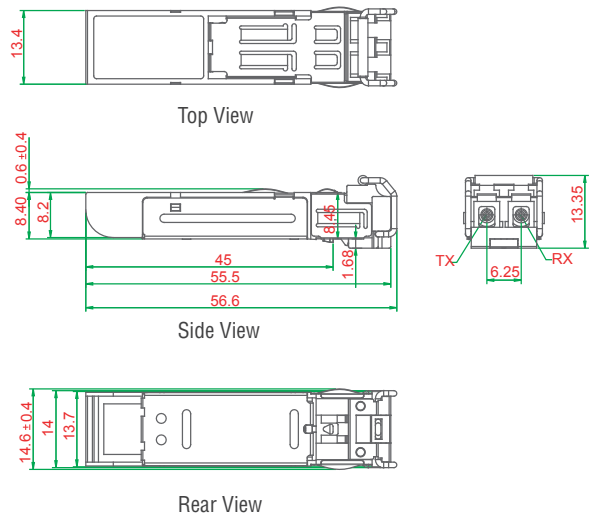
Safety: UL, TÜV

Warranty

Warranty Period: 3 years

Details: See www.moxa.com/warranty

Dimensions (unit = mm)



: Ordering Information

Available Models	Port Interface		
Wide Temperature (-40 to 85°C)	100BaseFX, Multi-mode, LC Connector, 4 km	100BaseFX, Single-mode, LC Connector, 40 km	100BaseFX, Single-mode, LC Connector, 80 km
SFP-1FEMLC-T	1	---	---
SFP-1FESLC-T	---	1	---
SFP-1FELLC-T	---	---	1

The SFP-1FE series modules can be used with the following products

EDS-G509 series: 9G-port full Gigabit managed Ethernet switches

EDS-G308 series: 8G-port full Gigabit unmanaged Ethernet switches

EDS-P510 series: 7+3G-port Gigabit PoE managed Ethernet switches