

SFP-1FE 系列

1 埠快速乙太網路 SFP 模組



特色與優點

- 數位診斷監控功能
- 符合 IEEE 802.3u 標準
- PECL 差異化輸入與輸出
- TTL 訊號偵測指示燈
- 可熱插拔的 LC 雙工連接器
- 符合 Class 1 laser 產品 EN 60825-1 標準

認證



簡介

SFP-1FE 系列 1 埠快速乙太網路 SFP 模組可作為部分 Moxa 乙太網路交換器的選配配件。

規格

Ethernet Interface

Ports	1					
Connectors	Duplex LC connector					
Optical Fiber						
			Fast Ethernet SFP			
			SFP-M		SFP-S	SFP-L
	Transceiver Type		Multi-Mode		Single-mode	
	Fiber Cable Type		OM1/OM2/ OM3/OM4	62.5/125, 50/125 μm	G.652	G.652
				800 MHz x km		
	Typical Distance		2 km	4 km	40 km	80 km
	Wavelength	Typical (nm)	1310		1310	1550
		TX Range (nm)	1280 to 1340		1280 to 1340	1530 to 1570
		RX Range (nm)	1100 to 1650		1100 to 1600	1100 to 1600
	Optical Power	TX Range (dBm)	-8 to -18		0 to -5	0 to -5
		RX Range (dBm)	-3 to -32		-3 to -34	-3 to -34
		Link Budget (dB)	14		29	29
		Dispersion Penalty (dB)	2	3	1	1
	Note: When connecting the SFP-S or L, we recommend using an attenuator to prevent damage caused by excessive optical power.					

Power Parameters

Power Consumption	Max. 1 W
-------------------	----------

Environmental Limits

Operating Temperature	-40 to 85°C (-40 to 185°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

Safety	UL 62368-1 IEC 62368-1 IEC 60825-1
EMC	EN 55032/35
EMI	FCC Part 15B Class Test Report ICES-003: 2020 Issue 7

EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV(AC), 0.5 kV(DC); Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV / 2 kV(AC), 0.5 kV(DC); Signal: 1 kV IEC 61000-4-6 CS: 0.15 MHz to 10 MHz: 3 V, 10 MHz to 30 MHz: 3 to 1 V, 30 MHz to 80 MHz: 1V IEC 61000-4-8 PFMF: 1 A/m at 50 Hz IEC61000-4-11 Voltage Dips and Interruption
Maritime	DNV

Warranty

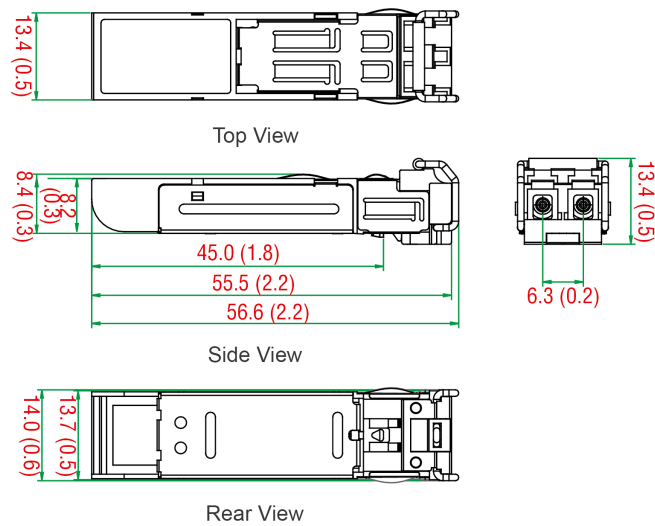
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty

Package Contents

Device	1 x SFP-1FE Series module
Documentation	1 x warranty card

尺寸

單位：公釐（英吋）



訂購資訊

Model Name	100BaseFX Ports	Connector	Transmission Distance	Operating Temp.
SFP-1FEMLC-T	1 x Multi-mode	LC	2 km/4 km	-40 to 85°C
SFP-1FESLC-T	1 x Single-mode	LC	40 km	-40 to 85°C
SFP-1FELLC-T	1 x Single-mode	LC	80 km	-40 to 85°C

© Moxa Inc. 版權所有.2024 年 1 月 2 日更新。

未經 Moxa Inc. 明確書面許可，不得以任何方式複製或使用本文件及其任何部分。產品規格如有變更，恕不另行通知。請至本公司官網了解最新的產品資訊。