

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	<table border="1"><thead><tr><th colspan="2" rowspan="2"></th><th colspan="4">Fast Ethernet SFP</th></tr><tr><th colspan="2">SFP-M</th><th>SFP-S</th><th>SFP-L</th></tr></thead><tbody><tr><td colspan="2">Transceiver Type</td><td colspan="2">Multi-Mode</td><td colspan="2">Single-mode</td></tr><tr><td colspan="2" rowspan="2">Fiber Cable Type</td><td rowspan="2">OM1/ OM2</td><td colspan="2">62.5/125, 50/125 μm</td><td rowspan="2">G.652</td><td rowspan="2">G.652</td></tr><tr><td colspan="2">800 MHz x km</td></tr><tr><td colspan="2">Typical Distance</td><td>2 km</td><td>4 km</td><td>40 km</td><td>80 km</td></tr><tr><td rowspan="3">Wavelength</td><td>Typical (nm)</td><td colspan="2">1310</td><td>1310</td><td>1550</td></tr><tr><td>TX Range (nm)</td><td colspan="2">1280 to 1340</td><td>1280 to 1340</td><td>1530 to 1570</td></tr><tr><td>RX Range (nm)</td><td colspan="2">1100 to 1650</td><td>1100 to 1600</td><td>1100 to 1600</td></tr><tr><td rowspan="4">Optical Power</td><td>TX Range (dBm)</td><td colspan="2">-8 to -18</td><td>0 to -5</td><td>0 to -5</td></tr><tr><td>RX Range (dBm)</td><td colspan="2">-3 to -32</td><td>-3 to -34</td><td>-3 to -34</td></tr><tr><td>Link Budget (dB)</td><td colspan="2">14</td><td>29</td><td>29</td></tr><tr><td>Dispersion Penalty (dB)</td><td>2</td><td>3</td><td>1</td><td>1</td></tr></tbody></table> <p>Note: When connecting the SFP-S or L, we recommend using an attenuator to prevent damage caused by excessive optical power.</p>			Fast Ethernet SFP				SFP-M		SFP-S	SFP-L	Transceiver Type		Multi-Mode		Single-mode		Fiber Cable Type		OM1/ OM2	62.5/125, 50/125 μ m		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
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Power Parameters

Power Consumption	Max. 1 W
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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	CE, FCC, TÜV, UL 60950-1
Maritime	DNV-GL

Warranty

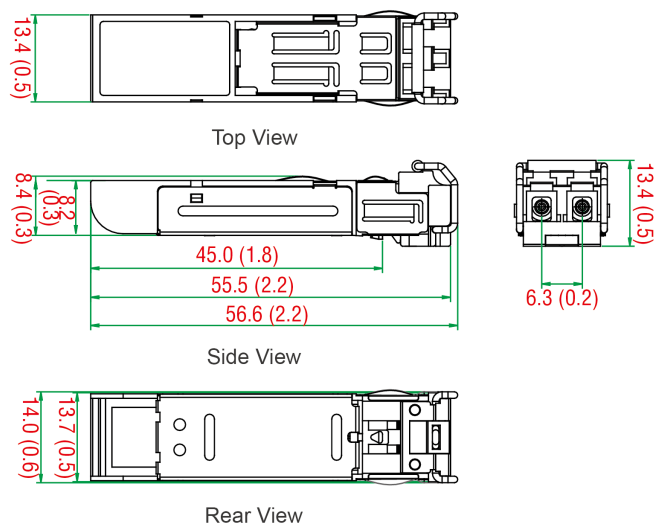
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty

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

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