



Ethernet Media Converter

10/100/1000Mb/s, SFP port, 230V external Power Supply

PFTMC13SFP-1

The PeakOptical SFP converters are designed for maximum convenience for applications that require flexibility in transmission rates, working distances, and fiber network types which can be realized by simply changing the hot-plug-and-play SFPs

Key Features

- High flexibility with hot plug-and-play SFP
- Negotiation of transmission rates and auto-MDI/MDIX for TX port
- With more than 50,000 hours MTBF
- Supports 1600byte super data packet transmission
- Supports flow control for full and half duplex operation
- Supports link fault pass through function
- Full-positioned LEDs to indicate power and network status

Technical Parameters

Standard		RJ-45 Port	Auto-MDI/MDIX
IEEE802.3 (10BASE-T)		Fiber Connector	SFP port
IEEE802.3u 100BASE-TX/FX (Fast-Ethernet)		Wavelength	1310/1550nm
IEEE802.3ab 1000BASE-TX (Gigabit Ethernet)		Dimensions	70mm(W) x 93mm(D) x 25mm(H)
IEEE802.3z 1000BASE-SX/LX (Gigabit Ethernet)		Weight	Net weight : 0.278kg
IEEE802.3x (Flow Control)			Gross weight : 0.744kg (2 pcs/box)
IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree		Input Voltage	DC5V1A with External power adapter AC100 ~ 240V / 50-60HZ
10/100/1000BASE-T :			
STP or UTP Category 5/5e/6 cable (Max. 100m)		Power Consumption	<2.5W
SFP :		MTBF	50,000 hours
SX, LX, EX, ZX, EZX		BER	<1/1000000000
and Bi-D optical transceivers are available		MAC Address Table	1K
Conversion Mode / Delay Time		Buffer Size	1M
Store-and-Forward < 10us, straight-through<0.9us		Operating	0°C ~50°C
Flow control		Storage	-40°C ~70°C
Full duplex-flow control, Half duplex-back pressure		Storage Humidity	5%~90% non-condescending

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