



Ethernet Media Converter

10/100/1000Mb Series with PoE, SFP Port, Industrial temperature, Ext. PSU

PFTMC13SFP-1P-MPF

PeakOptical®

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:

- IEEE 802.3af power on to 1 RJ45 port
- 1 x 10/100/1000Mbps Auto-sensing RJ45 port with PoE
- 1 x 1000Mbps SFP fiber port
- 4KV Ethernet surge protection, adapt to a harsh outdoor environment
- Supports Auto MDI/MDIX
- Flow control mode: Full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
- IEEE 802.3 10Base-T and IEEE 802.3u 1000Base-TX compliant
- Max power 15.4W under AF standard, 30W under AT standard to each PoE port
- Store-and-forward switching mechanism
- Operating environment temperature:-40°~85° C

Specifications:

Model No.	PFTMC13SFP-1P-MPF
Ports	1 x 1000Mbps SFP port SM: 1310nm/1550nm, 20Km 1490nm/1550nm, 40~120Km MM: 1310nm, 2Km 1x10/100/1000M UTP RJ45 (Support MDI/MDIX auto-sensing)
Switching features	Transmission mode: storage and forward System bandwidth: 40Gbps (non-traffic jam)
Network media	10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair(≤100m) 1000BASE-TX: CAT5 or above shielded twisted pair(≤100m) SFP port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, network, fiber
Power supply	Input voltage: DC 12-36V No-load power consumption: 5W Reverse polarity protection: support POE power supply input voltage: 48V (max 53V), Single PoE power supply output power: 15.4W (802.3at standards required special instructions)
Environment	Working temperature: -40°~ 85°C Storage temperature: -40°~ 85°C Working humidity: 10%~90%, non-condensing Storage humidity: 10%~95%, non-condensing
Industry Standards	EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A EMS: EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Traffic Control: NEMA-TS2 Vibration: IEC 60068-2-6 Freefall: IEC 60068-2-32 Shock: IEC 60068-2-27 Rail Traffic: EN 50121-4
Safety	CE Mark ,commercial CE/LVD EN60950
Mechanical information	Shell: Corrugated metal housing Safety class: IP30 Dimension: 107x118x48mm Mounting method: Din-rail mounting
Warranty	Limited Lifetime Warranty

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