

Data sheet

Ethernet Media Converter 10/100Mb Series, Dual Fiber, SC, External Power Supply



Ethernet Media Converter Dual Fiber, SC, External Power Supply PFMC 10/100M Series

The PFMC series of Fast Ethernet media converters utilize fiber optics to extend the physical distance range of typical Ethernet links to 20km~100Km.



Key Features

- Duplex SC, ST or FC Connector Optional
- 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

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Technical Parameters

Standard IEEE802.3 (10BASE-T) IEEE802.3u 100BASE-TX/FX (Fast-Ethernet) IEEE802.3x (Flow Control) IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree	RJ-45 Port	Auto-MDI/MDIX
10/100BASE-T: STP or UTP Category 5/5e/6 cable (Max. 100m)	Fiber Connector	SC standard, ST/FC optional
100BASE-FX: 50/125um, 62.5/125um multimode fiber cable (550m) 9/125um singlemode fiber cable (20/40/60/80/100Km)	Wavelength	1310nm or 1550nm
Conversion Mode / Delay Time Store-and-Forward < 10us, straight-through<0.9us	Dimensions	70mm(W) x 93mm(D) x 25mm(H)
Flow control Full duplex-flow control, Half duplex-back pressure	Weight	Net weight : 0.278kg Gross weight : 0.744kg (2 pcs/box)
	Input Voltage	DC5V1A with External power adapter AC100 ~ 240V / 50-60HZ
	Power Consumption	<2.5W
	MTBF	50,000 hours
	BER	<1/1000000000
	MAC Address Table	1K
	Buffer Size	1M
	Operating	0°C ~ 50°C
	Storage	-40°C ~ 70°C
	Storage Humidity	5%~90% non-condescending

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