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	
10/100BASE-T:	
STP or UTP Category 5/5e/6 cable (Max. 100m)	
100BASE-FX:	
50/125um, 62.5/125um multimode fiber cable (550m)	
9/125um singlemode fiber cable (20/40/60/80/100Km)	
Conversion Mode / Delay Time	
Store-and-Forward < 10us, straight-through<0.9us	
Flow control	
Full duplex-flow control, Half duplex-back pressure	

RJ-45 Port	Auto-MDI/MDIX
Fiber Connector	SC standard, ST/FC optional
Wavelength	1310nm or 1550nm
Dimensions	70mm(W) x 93mm(D) x 25mm(H)
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℃~50℃
Storage	-40℃~70℃
Storage Humidity	5%~90% non-condescending