Fast Ethernet Switch Media Converter MY-MC104A/B



1. Overview

MY-MC104A/B is Fast Ethernet Switch Media Converters, which extend the 10/100Mbbps twisted-pair network segments up to 20km over fiber technology. The series switch media converter is compact and cost-effective design, provide 4-port 10/100Mbps auto negotiation RJ45 connector and 1-port 155Mbps full-duplex on the fiber port with SC interface. It's widely used in security monitoring, wireless networking, optical fiber access and other application scenarios.

2. Features

- 4-port 10/100M auto-negotiation RJ45 with auto-MDI/MDI-X
- Fiber port provides SC, single mode, bidi
- MY-MC104A Tx/Rx 1310nm/1550nm, MY-MC104B Tx/Rx 1550nm/1310nm
- Full duplex and Half duplex operation with IEEE 802.3x flow control
- 2048 byte maximum packet length
- LED indicators for working status
- Support hot plug and play
- -20~60°C working temperature
- ESD, surge protection
- IP30 enclosure
- Wall-mounted Installation (with optional kit)
- Low power consumption, lead-free process
- CE/FCC/ROHS compliance

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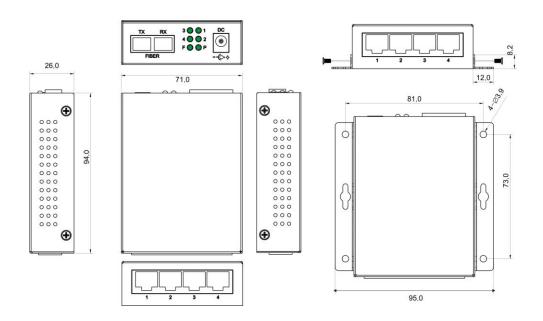
3. Specification

Performance	
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Processing type	Store and Forward
Switch capacity	1Gbps
Packet forwarding Rate	0.744Mpps
MAC address	2k
Buffer Space	512Kbit
Flow Control	support
Max. Packet Length	2048bytes
Interface	
Copper Port	10/100M Auto-negotiation, RJ45 auto-MDI/MDI-X
	Cat5/Cat5e/Cat6, ≤100m
Fiber Port	155M SC, MY-MC104A Tx/Rx 1310nm/1550nm,
	MY-MC104B Tx/Rx 1550nm/1310nm
	OS1/OS2 ≤20km; OM1/OM2 ≤2m
Power Port	DC socket, φ2.5mm
LED indicators	PWR, Fiber Link/act, Copper Link/act
Electrical characteristics	
Input Voltage	5Vdc
Power Consumption	<2W
Physical characteristics	
Enclosure	Metal IP30
Installation	Wall-mounted (Optional kits)
Dimension	94x71x26mm
Net Weight	175g
Environment	
Working Temperature	-20~60ºC
Storage Temperature	-40~85ºC
Relative Humidity	5%~95% (no condensation)
Power Adaptor	
Input Voltage	100-240Vac 50/60Hz or 36-72Vdc
Output	5Vdc 1A

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4. Structure diagram (mm)



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