

ETHERNET MEDIA CONVERTER

Features

- IEEE802.3, IEEE802.3 U, 10/100Base-Tx and 100Base-Fx standard compliant
- Full-duplex/half-duplex auto-negotiates
- Store-and-forward mode
- Bi-directional optional



Applications

- Ethernet network

Specifications

Parameter	Specification
Access Method	CSMA/CD Ethernet, 10/100Mbps
Standard Conformance	IEEE802.3, IEEE802.3 U, 10/100Base-Tx and 100Base-Fx standard
Transmitting Wavelength	1310/1550nm
Media Supported	10Base-T: Cat 3,4,5 UTP/STP, MAX100m 100Base-Tx: Cat 5 UTP/STP, MAX100m 100Base-Fx: Multi-mode fiber (50/125μm, 62.5/125μm) Single-mode fiber (8/125μm, 9/125μm)
Optical Connector	SC
TP Connector	RJ45
Referenced Transmission Distance	MM: 2km, SM: 20km/40km/60km/100km
Data Forward Rate	10Mbps: 14881pps 100Mbps: 148810pps
Flow Control	IEEE802.3x flow control for full-duplex model Back-pressure flow control for half-duplex model
Power Supply Adaptor	Input: 220VAC, Max output current: 2A@5VDC
Power Consumption	3.5W
Operating Temperature Range	0°C~50°C
Relative Humidity	5%~80% (non-condensation)
Package Dimension (L*W*H)	105mm*72mm*27mm

Order Information

OM – FE – A – B – C – D – E

A	Fiber Port	11: 2 fiber ports 14: Bi-directional (1 fiber port)
B	Optical Connector Type	SC: SC connector
C	Transmitting Wavelength	3: 1310nm 5: 1550nm
D	Single/Multi-mode	S: Single-mode M: Multi-mode
E	Referenced Transmission Distance	2: 2km 20: 20km 40: 40km 60: 60km 00: 100km