

## ▶▶▶ Fiber Optic Media Converter

### 10/100M Series

#### Features:

- Complies with 802.3u 100Base-TX and 100Base-FX
- Provides UTP-to-Fiber media conversion
- Extends network span to 2Km (multimode) 120Km (single mode)
- Auto-negotiation on 100BaseTX TP port
- Interoperable with 100BaseTX/TX devices
- Provides Power, Link, and Receive Status LED Display
- Supports a variety of fiber optic connectors to satisfy the extended requirements of users



#### Specification:

Parameters	Specifications
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3x FX Link/Act(Fiber link connection status), TX Link/Act(Electric link connection status )
Wavelength	1300nm/1310nm/1550nm
Transmission distance	Dual-fiber multi-mode: 2Km; Dual-fiber single-mode: 25/40/60/80/100/120Km; Single-fiber single-mode: 25/40/60/80/100Km Cat5e/6 twisted pairs: 100m
Port	One RJ45 ports: Connected to STP/UTP Cat5e/6 twisted pairs One fiber port: Multi-mode SC or ST (fiber size: 50/125um, 62.5/125um) Single mode SC fiber port (fiber size: 9/125um) Single-fiber single-mode SC fiber port (fiber size: 9/125um)
Conversion mode	Medium conversion, storing and forwarding mode
MAC address table	1 K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half-duplex state: back pressure mode
Delay	<9.6s
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED Indicator	PWR (power), FDX (FX full duplex or half duplex mode) FX100(Transfer rate of optical interface), TX100(Transfer rate of electric interface ) FX Link/Act(Fiber link connection status), TX Link/Act(Electric link connection status )
Power	DC5V/1A (External), AC220V 0.5A/DC-48V (Built-in)
Operating temperature	-10~55°C
Operating humidity	5%~90%
Storage temperature	-40~70°C
Storage humidity	5%~90% (non-condensing)
Dimensions	External power supply: 26mm*70mm*95mm (H*D*W) Built-in power supply: 35mm*110mm*140mm (H*D*W)

#### Order Information:

P/N	Description	Power Supply	Fiber Interface
FT-MC111M5	10/100Base-TX to 100FX converter, Multimode 850nm 550M	External power supply	SC/ST
FT-MC111S20	10/100Base-TX to 100FX converter, SM 1310/1550nm 20KM	External power supply	SC/ST
FT-MC1114TX1FX-S20	10/100Base-TX to 100FX converter, 4TX - 1FX SM 1300nm SC, 20KM	External power supply	SC/ST
FT-MC1113TX2FX-S20	10/100Base-TX to 100FX converter, 3TX - 2FX SM 1300nm SC, 20KM	External power supply	SC/ST
FT-MC11-S20S	10/100Base-TX to 100 FX converter, SM to MM WDM 1310/1550nm 20KM	External power supply	SC/ST