

# MEDIA CONVERTERS



## Ethernet Fiber Media Converter 10/100 Mbps

Media Converters provide an intelligent solution for fiber optic connectivity where simplicity, low cost, and minimum footprint are the primary considerations. The converters are designed to handle both legacy 10BaseT and 100BaseTX Fast Ethernet devices on their twisted pair port while maintaining 100BaseFX Fast Ethernet transmission on the fiber optic port. Plug-and-play simplicity makes connection easy

### ✓ Applications

- LAN
- FTTx
- Telecommunication networks

### ⚙️ Technical Specification

Complies with	IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX	
Connector	UTP RJ-45 connector, optical SC, FC, ST connector	
Transmission Type	10/100M FDX/HDX	
Wavelength(typical)	Multi-mode	1310nm (≤2Km)
	Single-mode	1310nm up to 60Km 1550nm up to 120Km
Operation mode	Full duplex mode or half duplex mode	
Temperature	0 - 70°C (Operating); -45 - 80°C (Storage)	
Power Supply	External 1A,+5VDC	Internal 10-260VAC
Dimension (LxWxH)	External power supply: 95mm x70mm x 26mm Internal power supply : 140mm x110mm x 30mm	



## Gigabit Media Converter 10/100/1000 Mbps

The 10/100/1000 Media Converter provides an intelligent solution for long distance connections between legacy 10BaseT and 100BaseTX networks and the newer 1000Base Gigabit Ethernet networks.

### ✓ Applications

- LAN
- FTTx
- Telecommunication networks

### ⚙️ Technical Specification

Complies with	IEEE802.3 10 Base-T IEEE 802.3u 100Base-TX/FX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseSX/LX	
Connector	UTP RJ-45 connector, optical SC, FC, ST connector	
Wavelength(typical)	Multi-mode 850nm (≤550m)	1310nm (≤2Km)
	Single-mode 1310nm up to 20Km	1550nm up to 60Km
Operation mode	Full duplex mode or half duplex mode	
Temperature	0 - 70°C (Operating); -45 - 80°C (Storage)	
Power Supply	External A,+5VDC	Internal 110-260VAC
Dimension (LxWxH)	External power supply: 95mm x70mm x 26mm Internal power supply : 140mm x110mm x 30mm	