

## 10/100/1000 Mbps Dual Fibre Media Converters

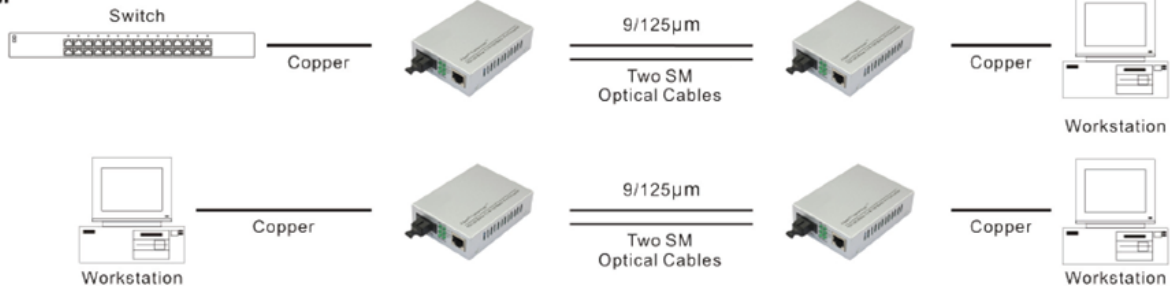
### DESCRIPTION

All Fast Ethernet Converters from eFiber are compact size units with metal cases to fulfill comply the FCC emission standards. The 1000Base-TX and the 1000Base-FX converter feature LED diagnostics for Power, Activity, Link and Full Duplex / Half Duplex operation. All converters are fully compliant with the IEEE 802.3 & 802.3u IEEE 802.3X Fast Ethernet standards and feature one STP-RJ45 10/100/1000Base-TX port as well as one Fibre Optic 1000Base-FX (SC/ST/MTRJ)port. Installation of the Fast Ethernet converter is simple and straight forward. The powerful features are as 10/100/1000 Auto Negotiation, Auto cross over for TP port, Fibre Link Alarm, Voltage supervisor, and support switch mode & pure converter mode.

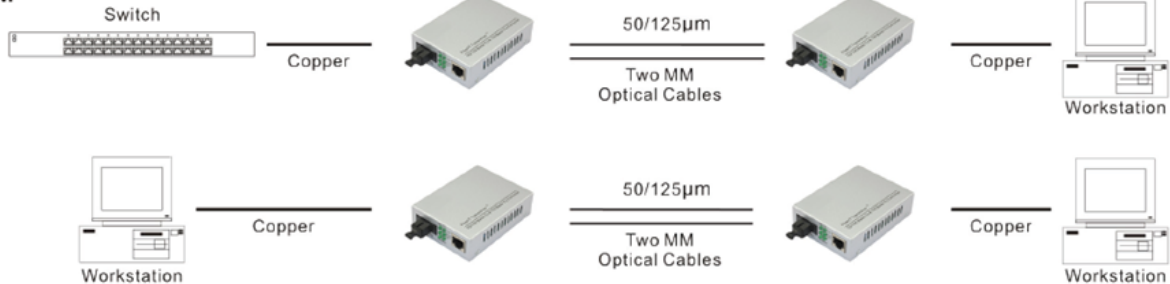


### CONNECTING APPLICATION

#### SM



#### MM



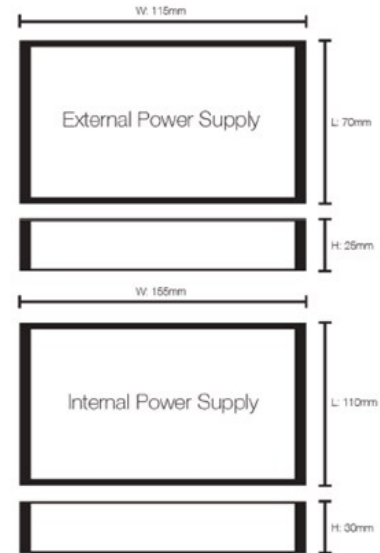
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## 10/100/1000 Mbps Dual Fibre Media Converters

### FEATURES

- Complies with IEEE 802.3 10 Base-T standard.
- Complies with IEEE 802.3u 10/100 Base-TX/FX standard.
- Complies with IEEE 802.3X standard.
- Automatic identification of MDI/MDI-X cross line.
- 10/100/1000 Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Converter mode with auto-change-forward (Switch) function.
- Back pressure flow control for full/half duplex IEEE802.3X.
- Automatic identification of MDI/MDI-X cross-line.
- High-performance 1.4Gbps memory bandwidth.
- Complies with FCC, 15 CLASS A and CE MARK.

### TECHNICAL SPECIFICATIONS



<b>Band Width</b>	RJ 45 Port: 10/100/1000Mbps	Optical Port: 155Mbps
<b>Standard Protocol</b>	IEEE802.3 10 Base-T standard	
	IEEE802.3u 10/100Base-TX/FX standard	
	IEEE 802.3X standard.	
<b>Connectors</b>	UTP RJ-45	SC/ST/FC Fibre connector
<b>Operation Mode</b>	Full /Half duplex mode	
<b>Power Supply</b>	External 5V DC 1A	
	Internal AC220V/50Hz	
	Power Consumption ≤5W	
<b>Environmental Parameters</b>	Work Temperature -30°C~+65°C	
	Storage Temperature -40°C~+85°C	
	Humidity 5%~90%	
<b>TP Cable</b>	Cat5 UTP cable	
<b>Fibre</b>	Single-mode: 8.3/125, 8.7/125, 9/125 or 10/125µm	
	Multi-mode: 50/125, 62.5/125 or 100/140µm	
<b>Dimensions(mm)</b>	External power supply: 115x70x25	
	Internal power supply: 155x110x30	