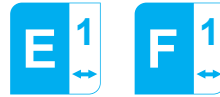


# EC1111 Series

Econ-line 10/100Base-TX to 100Base-FX Ethernet Media Converter



## Features

### General

- ▶ Convert 10/100BASE-TX to 100BASE-FX
- ▶ Full/Half duplex, Auto-Negotiation
- ▶ Single mode or Multi-mode fiber operation
- ▶ Single or Dual-core fiber with SC connectors
- ▶ MDI/MDI-X Auto Crossover supported
- ▶ Plug-and-Play
- ▶ 0°C to 50°C (32°F to 122°F) operating temperature

### Warranty

- ▶ 1-Year Warranty



Media Converters

## Ordering Information

Model	Description
EC1111-X	Econ-line 10/100Base-TX to 100Base-FX Ethernet Media Converter

(X) =	Fiber Options	Wavelengths	Link Budget	Max. Distance
A	Multimode/2-fiber/SC	1310nm	12dB	2km
B	Singlemode/2-fiber/SC	1310nm	19dB	20km
C	Multimode/WDM 1-fiber/SC	TX:1310nm/RX:1550nm	16dB	2km
D	Multimode/WDM 1-fiber/SC	TX:1550nm/RX:1310nm	16dB	2km
E	Singlemode/WDM 1-fiber/SC	TX:1310nm/RX:1550nm	25dB	20km
F	Singlemode/WDM 1-fiber/SC	TX:1550nm/RX:1310nm	25dB	20km

Mounting Options	<ul style="list-style-type: none"><li>■ Desktop bracket.</li><li>■ Rack-Mountable on 2U rack EC-C14 (Purchase Separately).</li></ul>
Power Options	<ul style="list-style-type: none"><li>■ 1A/5VDC Power Adapter with DC Jack.</li><li>■ Power Adapter is included for all sales.</li></ul>

NOTES: (1) Transmission distance will suffer if additional losses are introduced by the optical connectors, fusers, splices and the fibers within the network.

(2) Operating distance of multimode is limited by the characteristic of the fiber bandwidth.

(3) Please feel free to contact factory for any special requirement and customization.

## Specifications

### Ethernet

Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3u 100BASE-FX
Processing Type:	Store-and-Forward Half-duplex, Full-duplex
Forward Filter Rate:	14,880pps (10Mbps) 148,810pps (100Mbps)
Cabling:	10BASE-T Cat5 or above 100BASE-TX Cat5 or above
Maximum Distance:	Cat5 Up to 100m
Connector:	1 xRJ45
Address Table Size:	1024MAC Addresses

### Optical

Cabling:	62.5/125µm (multimode) 9/125µm (Singlemode)
Maximum Distance:	2km (Multimode) 20km (Singlemode)
Wavelength:	1310nm 1310/1550nm
Connector:	SC

### Environmental

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-40°C to 80°C (-40°F to 176°F)
Relative Humidity:	5% to 95% non-condensing

### Electrical and Mechanical

Input Power:	5VDC (DC Socket)
Power Consumption:	2.5W Max, 0.5A@5VDC
LED Indicators:	
Power:	Power Status
10/100TX (Per Port):	Link/Activity, Speed, FDX
100FX (Per Port):	Link/Activity, SD
Dimensions (WxDxH):	71x105x27mm
Weight:	0.2Kg
Casing:	Metal Case
Mounting Options:	Desktop/EC-C14 2U Rack

### Regulatory Approvals

ISO9001  
FCC  
CE



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Due to continuous improvement, all product specifications are subject to change without further notice.

