

## **10/100 Mbps Single Mode Fiber Media Converter SC 30 km**

*StarTech ID: ET90110SM302*



The ET90110SM302 10/100 Mbps Single Mode Fiber Media Converter SC (30 km) lets you extend a Fast Ethernet network (10/100) over single mode fiber, at distances up to 30 km (18.6 miles).

A cost-effective solution for connecting a 10/100 Mbps Ethernet (10/100Base-T) network to remote network segments over a 100Base-FX fiber backbone, the media converter is designed to offer a durable and convenient Ethernet to fiber solution, with an all-steel chassis, and simple plug-and-play installation with minimal configuration required.

For added versatility, this fiber media converter supports standalone operation, or installation into the 20 Slot, 2U Rackmount Chassis (ETCHS2U).

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### **Applications**

- Provides connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether
- Perfect for secured environments required by government agencies, where EMI is not acceptable
- Connect traffic control/monitoring systems at extreme distances to the main office
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Converts 100Base-FX fiber optic signals to 10/100Base-T Ethernet over single mode fiber cable

## Features

- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis
- Cost-effective way to extend/bridge networks using fiber cabling
- Advanced features include Link-loss forwarding, remote status monitoring, two frame lengths
- Maximum Fiber Cable length of 30 km
- Supports full or half-duplex operation
- Easy to use and install

**Technical Specifications**

Warranty	2 Years
PoE	No
WDM	No
Auto MDIX	Yes
Fiber Operating Mode	Half/Full-Duplex
Fiber Type	Single Mode
Max Transfer Distance	30 km (18.6 mi)
Maximum Data Transfer Rate	200 Mbps (Full Duplex Mode)
Wavelength	1310nm
Local Unit Connectors	1 - Fiber Optic SC Duplex Female
Local Unit Connectors	1 - RJ-45 Female
Center Tip Polarity	Positive
Input Current	0.36A
Input Voltage	115 ~ 230 AC
Output Current	1.6 A
Output Voltage	12 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	10~90% RH
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Color	Black
Enclosure Type	Steel
Product Height	0.9 in [24 mm]
Product Length	6.1 in [155 mm]
Product Weight	14 oz [398 g]
Product Width	3.4 in [87 mm]
Shipping (Package) Weight	1.7 lb [0.8 kg]
Included in Package	1 - Fiber Media Converter
Included in Package	1 - Universal Power Adapter (NA/UK/EU) or AU in Australia
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

