

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

**Product 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.

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

### Certifications, Reports and Compatibility



### 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

- 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

---

### Hardware

Warranty	2 Years
PoE	No
WDM	No

---

### Performance

Maximum Data Transfer Rate	200 Mbps (Full Duplex Mode)
Max Transfer Distance	30 km (18.6 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes

---

### Connector(s)

Local Unit Connectors	1 - RJ-45
	1 - Fiber Optic SC Duplex

---

### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.36A
Output Voltage	12V DC

Output Current	1.6 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	19.2

---

#### Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10~90% RH

---

#### Physical Characteristics

Color	Black
Material	Steel
Product Length	6.1 in [15.5 cm]
Product Width	3.4 in [8.7 cm]
Product Height	0.9 in [2.4 cm]
Weight of Product	13.8 oz [392 g]

---

#### Packaging Information

Package Quantity	1
Package Length	8.1 in [20.7 cm]
Package Width	5.5 in [13.9 cm]
Package Height	3.5 in [9.0 cm]
Shipping (Package) Weight	1.7 lb [0.8 kg]

---

#### What's in the Box

Included in Package	1 - Fiber Media Converter
	1 - Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand

1 - Grounding Screw

1 - Instruction Manual

---

**Warranty  
Information**

Warranty

2 Years

---

***\*Product appearance and specifications are subject to change without notice.***