

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

