

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

StarTech ID: ET90110SM30



This Ethernet to SM Fiber Media Converter creates a cost-effective Ethernet-fiber link, transparently converting to/from 10Base-T or 100Base-Tx Ethernet signals and 100Base-Fx optical signals to extend an Ethernet network connection over a single mode fiber backbone.

The converter supports a maximum single mode fiber optic cable distance of 30km (~19 miles), providing a simple solution for connecting 10Base-T/100Base-Tx Ethernet networks to remote locations using SC-terminated single mode fiber, while delivering ideal network performance and scalability.

Easy to set up and install in a matter of seconds, this durable and compact fiber media converter features a heavy-duty power supply that can withstand challenging environments, and offers 6 LED indicators to make monitoring the Ethernet/fiber network link easy.

Designed to offer a durable and convenient Ethernet to fiber solution, the Ethernet to SM Fiber Media Converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

This versatile Ethernet to SM Fiber Media Converter offers guaranteed compatibility with 3COM™, Cisco™, Lucent™ and Nortel™ networks and fully complies with IEEE 802.3 and 802.3u standards.

**Technical Specifications**

Warranty	2 Years
PoE	No
WDM	No
Local Unit Connectors	1 - Fiber Optic SC Female
Local Unit Connectors	1 - RJ-45 Female
Max Transfer Distance	30 km (18.6 mi)
Fiber Type	Single Mode
Wavelength	1310nm
MTBF	65,000 Hours
Color	Beige
Product Length	4.8 in [122 mm]
Product Width	3.4 in [85.6 mm]
Product Height	0.8 in [20 mm]
Product Weight	12 oz [340 g]
LED Indicators	1 - 100M active (light) or 10M (off)
LED Indicators	1 - Fx port link success (light), fail (off) or receive data (flash)
LED Indicators	1 - FX port with full Duplex (light) or Half Duplex (off)
LED Indicators	1 - Power Indicator
LED Indicators	1 - UTP port link success (light), fail (off) or receive data (flash)
LED Indicators	1 - UTP port with Full Duplex (light) or Half Duplex (off)
Power Adapter Included	Yes
Input Voltage	115 AC
Output Voltage	12 DC
Output Current	1A
Center Tip Polarity	Positive
Operating Temperature	05/11/2012eg;C to 505/11/2012eg;C (325/11/2012eg;F to 1225/11/2012eg;F)
Storage Temperature	-105/11/2012eg;C to 705/11/2012eg;C (145/11/2012eg;F to 1585/11/2012eg;F)
Humidity	10~90% RH
Shipping (Package) Weight	2 lb [0.9 kg]
Included in Package	1 - Fiber Media Converter
Included in Package	2 - Mounting Brackets (w/ Screws)
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

