

10/100 Mbps Ethernet Single Mode WDM Fiber Media Converter Kit SC 20km

Product ID: ET90110WDM2



The ET90110WDM2 10/100 Mbps Ethernet Single Mode WDM Fiber Media Converter Kit SC (20km) lets you extend a 10/100 Mbps Ethernet connection over single mode fiber, at distances up to 20 km (12.4 mi).

The converter offers Wavelength-Division Multiplexing (WDM), enabling bi-directional communication over a single strand of fiber, essentially doubling the capacity of your existing fiber infrastructure without having to install new cabling.

The Ethernet to WDM Fiber Kit includes both endpoints (two interchangeable modules) - a simple solution for connecting 10/100Base-T networks to remote locations using SC-terminated single mode fiber. The Ethernet to Fiber Converter also features a durable all-steel chassis, and a simple plug-and-play installation with minimal configuration required.

For added versatility, this fiber media converter supports standalone operation, or one or both sides can be installed into a 20 Slot, 2U Rackmount Chassis (ETCHS2U).

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
- Suitable for environments such as government agencies, where security threats (network tapping, etc.) need to be prevented
- 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 10/100Base-T Ethernet to 100Base-FX fiber optic signals (and back - includes both endpoints) over single mode fiber cable

Features

- WDM (Wave Division Multiplexing) technology allows the use of a single fiber cable for full-duplex bi-directional communication
- Kit includes local and remote converter module for a complete solution
- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis
- Maximum Fiber Cable Length of 20 Km
- Advanced features include Link-loss forwarding, remote status monitoring, two frame lengths
- Supports full or half-duplex operation
- Easy to use and install

Hardware	Warranty	2 Years
	Industry Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-FX IEEE 802.3u 100BASE-TX
	PoE	No
	WDM	Yes
Performance	Auto MDIX	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Max Transfer Distance	20 km (12.4 mi)
	Maximum Data Transfer Rate	200 Mbps (Full Duplex Mode)
	Type	Single Mode
	Wavelength	1310nm
Connector(s)	Local Unit Connectors	1 - Fiber Optic SC Duplex Female 1 - RJ-45 Female
	Remote Unit Connectors	1 - Fiber Optic SC Duplex Female 1 - RJ-45 Female
Power	Center Tip Polarity	Positive
	Input Current	0.36A
	Input Voltage	115V-230V AC
	Output Current	1.6 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	19.2
	Power Source	2 AC Adapters Included
Environmental	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)
Physical Characteristics	Color	Black
	Enclosure Type	Steel
	Product Height	1 in [25 mm]
	Product Length	6.3 in [160 mm]

	Product Weight	2.7 lb [1.2 kg]
	Product Width	3.5 in [88 mm]
Packaging Information	Shipping (Package) Weight	3 lb [1.4 kg]
What's in the Box	Included in Package	1 - Local Media Converter Unit 1 - Remote Media Converter Unit 2 - Universal Power Adapters (NA/EU/UK/AU) 1 - Grounding Screw 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.