10/100 Multi Mode Fiber Copper Fast Ethernet Media Converter ST 2 km

Product ID: MCM110ST2

The MCM110ST2 10/100 Multi Mode ST Fiber Ethernet Media Converter (2 km) creates a cost-effective Ethernet to 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 multimode fiber backbone.

The ST media converter supports a maximum multimode fiber optic cable distance of 2km (1.2 miles), providing a simple solution for connecting 10Base-T/100Base-Tx Ethernet networks to remote locations using ST-terminated multimode fiber, while delivering solid network performance and scalability.

Easy to setup and install, this compact, value-conscious fast Ethernet media converter features auto-switching MDI and MDI-X support on the RJ45 UTP connections as well as manual controls for UTP mode, speed, Full and Half Duplex, as well as LFP (Link Fault pass-through) on/off.

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

Certifications, Reports and Compatibility

RoHS Compliant
Available

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 secure 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 10/100Base-T Ethernet to 100Base-FX fiber optic signals over multimode fiber cable

Features

- Supports a maximum multi mode fiber optic cable distance of 2 km
- Supports full or half-duplex operation
- Compatible with 3COM™, Cisco™, Lucent™ and Nortel™ networks
- Supports Link Fault Pass through (LFP)
- Supports IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX industry standards
- Supports IEEE 802.1q Tag VLAN pass thru
- Supports Q in Q double tagged frame transparent
- LED Indicators for simple Ethernet/Fiber network link monitoring
- Support flow control (Pause)

Hardware	Warranty	2 Years
	Industry Standards	IEEE 802.3 10BASE-T
		IEEE 802.3u 100BASE-FX
		IEEE 802.3u 100BASE-TX
	PoE	No
	WDM	No
Performance	Fiber Operating Mode	Half/Full-Duplex
	Fiber Type	Multi Mode
	Max Transfer Distance	2 km (1.2 mi)
	Maximum Data Transfer Rate	10/100Mbps
	MTBF	65,000 Hours
	Optical Power	-14 ~ -20 dBm
	Power Budget	11 dB
	Sensitivity	-31 dBm
	Wavelength	1310nm
Connector(s)	Local Unit Connectors	1 - Fiber Optic ST Duplex Female
		1 - RJ-45 Female
Indicators	LED Indicators	1 - Ethernet Link & Activity (ON - Fiber Link ok, Blinking - Activity on Fiber Link)
		1 - FEF [Far End Fault](On - Fault Detected, Off - No Fault
		1 - Fiber Link & Activity (On - Fiber Link ok, Blinking - Activity on Fiber Link)
		1 - Full (Full duplex / Half duplex)
		1 - Power
		1 - Speed (10 or 100 Mbps)
Power	Center Tip Polarity	Positive
	Input Voltage	115V AC
	Output Current	0.2A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	2.4
	Power Source	AC Adapter Included

Environmental	Humidity	10~90% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-10°C to 70°C (14°F to 158°F)
Physical Characteristics	Color	Black
	Enclosure Type	Plastic
	Product Height	0.8 in [20 mm]
	Product Length	3.7 in [95 mm]
	Product Weight	3.2 oz [90.5 g]
	Product Width	3 in [75 mm]
Packaging Information	Shipping (Package) Weight	0.9 lb [0.4 kg]
What's in the Box	Included in Package	1 - Media Converter
		1 - Power Adapter
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.