

# 10/100 Multi Mode Fiber Ethernet Media Converter SC 2 km

Product ID: MCM110SC2EU



The MCM110SC2EU 10/100 Multi Mode Fiber Ethernet Media Converter (SC, 2 km) 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 an SC-terminated multimode fiber backbone.

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

This versatile Ethernet to Fiber converter is compatible with most 3COM™, Cisco™, Lucent™ and Nortel™ networks and fully complies with applicable IEEE 802.3 standards.

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

### Certifications, Reports and Compatibility



### Applications

- Extend your Ethernet connection by up to 2km over a fiber optic connection
- Designed for large, high speed work groups that require expansion of fast Ethernet networks
- Connect two or more buildings on the same campus, using fiber optic cable
- Connect remote sub-networks to larger fiber optic networks/backbones

### Features

- Supports a maximum multimode fiber optic cable distance of 2 km
- Compatible with most 3COM™, Cisco™, Lucent™ and Nortel™ networks
- Supports transparent Q-in-Q double tagged frames
- Supports Link Fault Pass-through (LFP)
- Supports IEEE 802.1q Tag VLAN pass-through
- Supports flow control (Pause)
- Provides switch configuration of half/full duplex transfer modes for FX port
- LED Indicators for simple Ethernet/Fiber network link monitoring
- Forward 9K jumbo packets in converter mode
- Auto negotiation or Force 10/100 Mbps and MDI/MDI-X (Crossover for TX port)
- Auto-detects half/full duplex transfer mode from the TX port
- Compact design
- Simple installation

<b>Hardware</b>	Warranty	2 Years	
	Industry Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-FX IEEE 802.3u 100BASE-TX	
	PoE	No	
	WDM	No	
<b>Performance</b>	Fiber Operating Mode	Half/Full-Duplex	
	Max Transfer Distance	2 km (1.2 mi)	
	Maximum Data Transfer Rate	10/100Mbps	
	MTBF	65,000 Hours	
	Type	Multi Mode	
	Wavelength	1310nm	
<b>Connector(s)</b>	Local Unit Connectors	1 - RJ-45 Female	
	Remote Unit Connectors	1 - Fiber Optic SC Duplex Female	
<b>Indicators</b>	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)	
	<b>Power</b>	Center Tip Polarity	Positive
		Input Voltage	230 AC
		Output Current	0.2A
		Output Voltage	12 DC
	Plug Type	M	
	Power Consumption (In Watts)	2.4	
	Power Source	AC Adapter Included	
<b>Environmental</b>	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)	

<b>Physical Characteristics</b>	Color	Black
	Product Height	20 mm [0.8 in]
	Product Length	95 mm [3.7 in]
	Product Weight	90.5 g [3.2 oz]
	Product Width	75 mm [3 in]
<b>Packaging Information</b>	Shipping (Package) Weight	0.3 kg [0.6 lb]
<b>What's in the Box</b>	Included in Package	1 - Media Converter
		1 - Power Adapter
		1 - User's Manual

Product appearance and specifications are subject to change without notice.