

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

ID del Producto: MCM110ST2GB



This Ethernet to MM Fiber Media Converter 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 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 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.

Certificaciones, Reportes y Compatibilidad



Aplicaciones

- Connect remote sub-networks to larger fiber optic networks/backbones
- Connect via fiber optics two or more buildings on the same campus
- Designed for ethernet expansion, primarily for large workgroups requiring higher network speeds and increased bandwidth

- Extend your Ethernet connection up to 2km away at full speed using fiber optics.

Características

- 1310nm wavelength
- Auto detects half/full duplex transfer mode from the TX port.
- Auto negotiation or Force 10/100 Mbps and MDI/MDI-X (Crossover for TX port).
- Compatible with 3COM™, Cisco™, Lucent™ and Nortel™ networks
- Forward 9K jumbo packets in converter mode
- It's compact design and weight makes it portable and unobtrusive to carry
- LED Indicators for simple Ethernet/Fiber network link monitoring
- Provides switch configuration of half/full duplex transfer mode for FX port.
- Support flow control (Pause)
- Supports a maximum multi mode fiber optic cable distance of 2 km
- Supports a maximum packet size of 1600 bytes.
- Supports IEEE 802.1q Tag VLAN pass thru
- Supports IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX industry standards
- Supports Link Fault Pass through (LFP)
- Supports Q in Q double tagged frame transparent
- Includes both the UK and EU power plug adapters

Hardware

Política de Garantía	2 Years
PoE	No
WDM	No
Estándares Industriales	IEEE 802.3 10BASE-T
	IEEE 802.3u 100BASE-FX

IEEE 802.3u 100BASE-TX

Rendimiento

Tasa de Transferencia de Datos Máxima	10/100Mbps
Distancia Máxima de Transferencia	2 km (1.2 mi)
Tipo de Fibra	Multimodo
Longitud de Onda	1310nm
Modo de Operación de Fibra	Half/Full-Duplex
MTBF	65,000 Hours

Conector(es)

Conectores de la Unidad Local	1 - ST Dúplex de Fibra Óptica
	1 - RJ-45

Indicadores

Indicadores LED	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)

Requisitos de Energía

Fuente de alimentación	Adaptador de alimentación de CA incluido
Tensión de Entrada	100 - 240 AC
Tensión de Salida	12V DC

Alimentación de Salida	0.2A
Polaridad Central	Positivo
Tipo de Enchufe	M
Consumo de Energía	2.4

Requisitos Ambientales

Temperatura Operativa	0°C to 50°C (32°F to 122°F)
Temperatura de Almacenamiento	-10°C to 70°C (14°F to 158°F)
Humedad	10~90% RH

Características Físicas

Color	Negro
Longitud del Producto	3.7 in [95 mm]
Ancho del Producto	3.0 in [7.5 cm]
Altura del Producto	0.8 in [2 cm]
Peso del Producto	3.2 oz [90.5 g]

Información de la Caja

Cantidad de Paquetes	1
Longitud de la Caja	6.9 in [17.5 cm]
Ancho de la Caja	5.7 in [14.5 cm]
Altura de la Caja	2.6 in [65 mm]
Peso (de la Caja) del Envío	0.6 lb [0.3 kg]

Contenido de la Caja

Incluido en la Caja	1 - Media Converter
	1 - UK power plug adapter

1 - Power Adapter

1 - User's Manual

Información Acerca
de la Garantía

Warranty

2 Años

* La apariencia y las especificaciones del producto están sujetas a cambios sin previo aviso.