

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

Productcode: 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.

### Certificaties, rapporten en compatibiliteit

### Toepassingen

- 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.

## Eigenschappen

- 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

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### Hardware

Garantiebeleid	2 Years
PoE	Nee
WDM	Nee
Industriestandaarden	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-FX IEEE 802.3u 100BASE-TX

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### Prestaties



Maximale overdrachtsnelheid	10/100Mbps
Max. overdrachtsafstand	2 km (1.2 mi)
Glasvezeltype	Multi-Mode
Golflengte	1310nm
Glasvezelmodus	Half/Full-Duplex
MTBF	65,000 Hours

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#### Connector(en)

Connectoren lokale eenheid	Glasvezel ST duplex  RJ-45
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#### Indicatoren

LED-indicatoren	Ethernet Link & Activity (ON - Fiber Link ok, Blinking - Activity on Fiber Link)  FEF [Far End Fault](On - Fault Detected, Off - No Fault)  Fiber Link & Activity (On - Fiber Link ok, Blinking - Activity on Fiber Link)  Full ( Full duplex / Half duplex)  Power  Speed (10 or 100 Mbps)
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#### Voeding

Inclusief voedingsadapter	Inclusief wisselstroomadapter
Ingangsspanning	100 - 240 AC
Uitgangsspanning	12V DC
Uitgangsstroom	0.2A
Polariteit pin midden	Positief
Stekkertype	M



Vermogensopname 2.4

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Gebruiksomgeving

Bedrijfstemperatuur	0°C to 50°C (32&degF to 122°F)
Opslagtemperatuur	-10°C to 70°C (14&degF to 158°F)
Vochtigheid	10~90% RH

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Fysieke eigenschappen

Kleur	Zwart
Lengte product	3.7 in [95 mm]
Breedte product	3.0 in [75 mm]
Hoogte product	0.8 in [20 mm]
Gewicht product	3.2 oz [90.5 g]

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Verpakkingsinformatie

Package Length	6.9 in [17.5 cm]
Package Width	5.7 in [14.5 cm]
Package Height	2.6 in [65 mm]
Verzendgewicht (verpakt)	9.9 oz [280 g]

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Wat wordt er meegeleverd

Meegeleverd	Media Converter
	UK power plug adapter
	Power Adapter
	User's Manual

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\* Uitvoering en specificaties van het product zijn zonder aankondiging vatbaar voor wijzigingen.