

MC100-ST

100MBPS FAST ETHERNET MEDIA CONVERTER WITH ST FIBRE CONNECTOR



EXTENDS FAST ETHERNET NETWORKS UP TO 2KM

100MBPS MEDIA CONVERTER

- Extends 100Mbps Fast Ethernet networks

FAST AND EASY INSTALLATION

- No technical knowledge needed

SUPPORTS BOTH FULL AND HALF DUPLEX

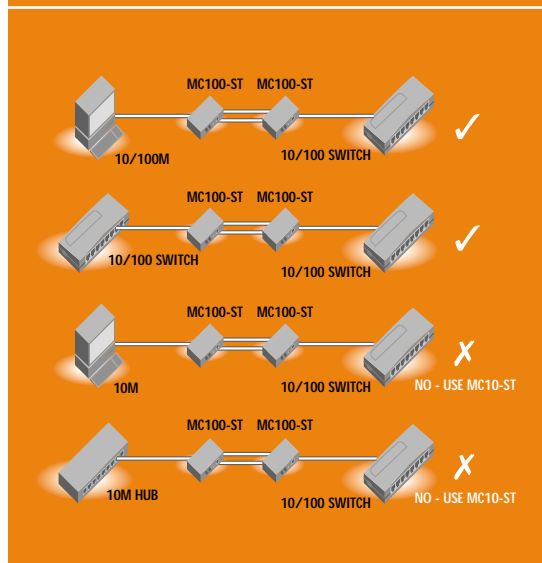
- Allows maximum data throughput

SILENT

- Ideal for home or office

FREE 24 HOUR MULTI-LINGUAL SUPPORT

TYPICAL CONFIGURATION



Corega advanced media technology gives maximum network performance when running the latest games or office applications.



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616-00043/rev 1

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OFFICE INTERNET SCHOOL GAMES

FEATURES

- 100Base-TX Ethernet network connection
- Extends networks distances to up to 2km over multi-mode fibre
- Automatic Half and Full-duplex operation, for up to 200Mbps per port, to eliminate bandwidth constraints
- No software so compatible with all operating systems
- External Power Adapter
- Silent operation so the switch can be placed in any office or home
- 2 year warranty
- Metal Case suitable for the toughest work environments
- Small and lightweight for convenient positioning
- Free 24 hour web-based support with easy to use FAQ (frequently asked questions) database to simply answer all types of questions



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TECHNICAL SPECIFICATIONS

Package Contains

- 1 x Media Converter
- 1 x External Power Adapter
- 1 x Desk top kit (four self adhesive rubber feet)
- 1 x Installation Manual

Interfaces

- 1 x RJ45 connector for 100Base-TX (MDI/MDI-X)
- 1 x Fibre ST Transmit connector
- 1 x Fibre ST Receive connector

Fibre Transmitter

	Max	Avg	Min
Launch Power (1310nm)	-14dB	-16.8dB	-19dB

Fibre Receiver

	Min	Typ	Max
Sensitivity (1310nm)	-31.8dB	-34.5dB	-14dB

Indicator Lights

- 1 x Power
- 1 x Link (100Base-TX)
- 1 x Link (100Base-FX)
- 1 x Activity (100Base-TX)
- 1 x Activity (100Base-FX)

Dimensions

Media Converter	105mm x 95mm x 25mm
Package Dimensions	237.5mm (W) x 144mm (D) x 70mm (H) (opens at top)

Weight

Media Converter	290g
Shipping Package Weight	1Kg

Operating Temperature

0 to 40°C (Airflow vents on both sides of unit. Vents should not be blocked for normal operation, and should have 50mm clearance to allow for unrestricted airflow)

Storage Temperature

-20 to 80°C

Relative Humidity

5-95%, non condensing

Storage Humidity

5-95%, non-condensing

Operating Altitude:

-50 to 3,000 Metres

Power Consumption

12VDC +/- 5%, 1A
6W

External Power Adapter

Actual power adapter is country dependent

Part Numbers

USA:	COR-PSU-12V0/OA5/A US
Europe:	COR-PSU-12V0/OA5/A EU
UK:	COR-PSU-12V0/OA5/A UK

US Adapter

Input Voltage	110V AC, 50/60Hz
Input Current	0.04A
Output Voltage	12V DC
Output Current	500mA
Dimensions	80mm (W) x 55mm (D) x 55mm (H)
Length of low voltage cable	2m

UK/European Adapter

Input Voltage	240V AC, 50/60Hz
Input Current	0.02A
Output Voltage	12V DC
Output Current	500mA
Dimensions	80mm (W) x 55mm (D) x 55mm (H)
Length of low voltage cable	2m

MTBF

100,000 hours estimated

Standards Compliance

IEEE 802.3u - 100Mbps Ethernet

Warranty

2 years

Agency Approvals

FCC Class B
CE Class B
VCCI Class B
EN55022 (CISPR 22) Class A
TUV
UL
cUL
C-Tick



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