![Fibernet logo - DESIGNING YOUR GREATNESS]

Copper to Fiber Media Converter

Fibernet's 10/100BaseT media converter family is specifically designed to expanding existing Fast Ethernet networks. The easy implementation and expansion of 100Base-TX/FX networks can be further assured with this converter.
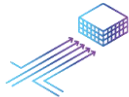
The converter is completely transparent when connected so the network performs exactly the way it did before - only now, it allows the co-existence of both copper and fiber mediums. Added flexibility is available with ST, SC, FC and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment.

Applications:

Data Centers

Storage Area Networks (SAN)

Communications Rooms

Examples:

- Internal/External Ethernet Networks
- Data centers LAN/ WAN Networks
- Servers, switches, storage extension

Features:

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3x auto-negotiation
- Extends distances ranging from 2km (M.M) to 120km (S.M)
- Auto-negotiation support on RJ-45 port
- Auto-negotiation of duplex(HDX/FDX) on RJ-45 port
- Auto MDI/MDI-X support on RJ-45 port
- Status LED's for TX,FX LINK/ACT, POWER,100M to easily monitor network status
- External power supply
- Supports packet length up to 1600 bytes
- FCC Class A & CE approved

Benefits:

- Easy installation
- High performance results
- RoHS compliant
- Hot Pluggable

Product Characteristics:

Parameter	Description
Interfaces	1x Ethernet port 10/100 Base-TX, 1x Optical port 100 Base-FX
Optical port	1301/1550 nm for SM, 1310nm for MM
Fiber type	50/125 (OFS)
Distance	Up to 120KM
Connectors	SC, ST, FC optional
Ethernet port	IEEE802.3, IEEE802.3u, IEEE802.3x
Bandwidth	10/100Mbps full duplex auto negotiation
Power requirements	5VDC
Dimensions	94X70X26mm
Weight	280 gr'
Operating temperature	0°C to 50°C

Ordering information:

Part Number	Description
MC-MM2	CONVERTER 10/100M SC-RJ45 2KM MULTIMODE

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