



Multicom's Fiber Media Converter

Key Features

- Extends traditional Ethernet networks over long distances via Fiber Optics
- 10/100/1000Mb Ethernet speeds
- LED status display
- Power supply Included
- Dual and Single Fiber Available



Description

Fiber media converters are simple networking devices that make it possible to connect two dissimilar media types such as twisted pair copper cables with fiber optic cabling. Media converters are useful in extending the reach of the conventional 10Mb, 100Mb and 1,000Mb LANs up to 80 Kms. to form one large "campus area network". They are a high performance, cost effective and flexible solution for a wide range of applications in a LAN network.

MMC-SM-100-25-DF-SC-1310

| Fiber Mode | Ethernet (Mb/s) | Distance (km) | Fiber Count | Connector | Wavelength |
|-------------------------------|--------------------------------------|--|----------------------------------|--|----------------------------------|
| SM=Singlemode MM=Multimode | 100 10/100 1000 10/100/1000 | .55, 2, 10, 20, 25, 40, 50, 60, 70, 80 | DF=Dual Fiber SF=Single Fiber | ST=Straight Tip SC=Subscriber Connector | 850 1310 1550 1310/1550 |

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Multicom Media Converter Product Specifications

| | | | |
|-----------------------|-----------------------------------|-------------------------|-------------------|
| Protocol | IEEE802.3, IEEE802.3u, IEEE802.3x | Input Voltage | AC 100V - AC 240V |
| Fiber Connectors | SC/ST - UPC | Operational Temperature | 0 to 70 C |
| Ethernet Port | 1 RJ-45 | Storage Temperature | -40 to 80 C |
| Dimensions (WxDxH) mm | 110x71x26 Nominal | Humidity | 5%~95% |

Dual Fiber

| Part # | Fiber Mode | Ethernet | Typical Distance | Fiber | Connector | Wavelength |
|-----------------------------------|------------|------------------|------------------|-------|-----------|------------|
| MMC-MM-100-2-DF-ST-850 | Multi | 100 Mbps | 2km | DF | ST | 850nm |
| MMC-SM-100-25-DF-SC-1310 | Single | | 25km | DF | SC | 1310nm |
| MMC-SM-100-50-DF-SC-1310 | Single | | 50km | DF | SC | 1310nm |
| MMC-SM-100-70-DF-SC-1310 | Single | | 70km | DF | SC | 1310nm |
| MMC-SM-100-80-DF-SC-1550 | Single | | 80km | DF | SC | 1550nm |
| MMC-MM-10/100-2-DF-ST-850 | Multi | 10/100 Mbps | 2km | DF | ST | 850nm |
| MMC-SM-10/100-25-DF-SC-1310 | Single | | 25km | DF | SC | 1310nm |
| MMC-SM-10/100-50-DF-SC-1310 | Single | | 50km | DF | SC | 1310nm |
| MMC-SM-10/100-70-DF-SC-1310 | Single | | 70km | DF | SC | 1310nm |
| MMC-SM-10/100-80-DF-SC-1550 | Single | | 80km | DF | SC | 1550nm |
| MMC-MM-1000-0.55-DF-ST-850 | Multi | 1000 Mbps | 550m | DF | ST | 850nm |
| MMC-SM-1000-10-DF-SC-1310 | Single | | 10km | DF | SC | 1310nm |
| MMC-SM-1000-20-DF-SC-1310 | Single | | 20km | DF | SC | 1310nm |
| MMC-SM-1000-40-DF-SC-1310 | Single | | 40km | DF | SC | 1310nm |
| MMC-SM-1000-60-DF-SC-1550 | Single | | 60km | DF | SC | 1550nm |
| MMC-MM-10/100/1000-0.55-DF-ST-850 | Multi | 10/100/1000 Mbps | 550m | DF | ST | 850nm |
| MMC-SM-10/100/1000-10-DF-SC-1310 | Single | | 10km | DF | SC | 1310nm |
| MMC-SM-10/100/1000-20-DF-SC-1310 | Single | | 20km | DF | SC | 1310nm |
| MMC-SM-10/100/1000-40-DF-SC-1310 | Single | | 40km | DF | SC | 1310nm |
| MMC-SM-10/100/1000-60-DF-SC-1550 | Single | | 60km | DF | SC | 1550nm |

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Multicom Media Converter Product Specifications

| Single Fiber | | | | | | |
|---------------------------------------|------------|------------------|------------------|-------|-----------|------------|
| Part # | Fiber Mode | Ethernet | Typical Distance | Fiber | Connector | Wavelength |
| MMC-SM-100-25-SF-SC-1310/1550 | Single | 100 Mbps | 25km | SF | SC | 1310/1550 |
| MMC-SM-100-50-SF-SC-1310/1550 | Single | | 50km | SF | SC | 1310/1550 |
| MMC-SM-100-70-SF-SC-1310/1550 | Single | | 70km | SF | SC | 1310/1550 |
| MMC-SM-100-80-SF-SC-1310/1550 | Single | | 80km | SF | SC | 1310/1550 |
| MMC-SM-10/100-25-SF-SC-1310/1550 | Single | 10/100 Mbps | 25km | SF | SC | 1310/1550 |
| MMC-SM-10/100-50-SF-SC-1310/1550 | Single | | 50km | SF | SC | 1310/1550 |
| MMC-SM-10/100-70-SF-SC-1310/1550 | Single | | 70km | SF | SC | 1310/1550 |
| MMC-SM-10/100-80-SF-SC-1310/1550 | Single | | 80km | SF | SC | 1310/1550 |
| MMC-SM-1000-10-SF-SC-1310/1550 | Single | 1000 Mbps | 10km | SF | SC | 1310/1550 |
| MMC-SM-1000-20-SF-SC-1310/1550 | Single | | 20km | SF | SC | 1310/1550 |
| MMC-SM-10/100/1000-10-SF-SC-1310/1550 | Single | 10/100/1000 Mbps | 10km | SF | SC | 1310/1550 |
| MMC-SM-10/100/1000-20-SF-SC-1310/1550 | Single | | 20km | SF | SC | 1310/1550 |

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