

OM 101-AUI/MAU

Fiber Optic Ethernet Media Converter
10BASE-AUI/MAU to 100BASE-FX

Applications

- Secure data environments
- Noisy RFI environments - factory floor
- Connection of legacy 10 Mbps devices



Description

The OM101-AUI/MAU media converter connects a 10BASE-AUI (DTE) or 10BASE-MAU (DCE) device to 100BASE-FX device. This allows a legacy 10 Mbps device to connect to a 100 Mbps LAN switch over a pair of optical fibers. The AUI port operates at 10 Mbps half-duplex. The 100BASE-FX port operates at 100 Mbps full-duplex. The OM101-AUI/MAU is available with ST, SC, or LC(SFP) connectors; and for singlemode or multi-mode fiber. The SC version is shown

Features:

- 802.3 MAU compatible
- Five LED status indicators
- Single or multi-mode fiber option
- ST, SC, or LC (SFP) connector option
- 5 year warranty
- Wide temperature range (-40°C to 75°C)

Specifications

Optical	
Light source	1300 nm LED MM (standard) 1300 nm LASER SM (optional)
Optical output (62.5/125 fiber) M, MM version	-19 dBm min.
Optical output (9/125 fiber) SM version	-18 dBm min.
Optical sensitivity (10 ⁻¹⁰ BER)	-32.5 dBm
Optical connectors	SC or ST
Electrical	
Data I/O levels	IEEE 802.3 MAU compatible
Data I/O connector	DB-15M (male)
Power consumption	2.6 Watts

OM101-AUI/MAU

Fiber Optic Ethernet Media Converter
10BASE-AUI/MAU to 100BASE-FX



Specifications (continued)

General

Operating temperature.....	-40°C to 75°C
Humidity (RH)	10% to 95%
MTBF	> 50,000 hours
Dimensions	6.5 x 1.8 x 10 cm

Part Numbers

OM101-AUI/MAU - XX-XX-X

