

MC-1000 Series

Mini 10/100/1000Base-TX to 1000Base-FX Media Converter

Key Features

- 10/100/1000Base-TX UTP to 1000Base-FX fiber media conversion
- Support IEEE802.3U, IEEE802.3z, 1000Base-TX/FX standards
- Choice of SC, LC or Bi-directional for multimode and single-mode fibers
- DIP switch to set different configurations
- LFP (Link Fault Pass-through) support
- Compact package size



Description

The mini 10/100/1000Base-TX to 1000Base-FX (also can be forced to 100Base-FX) media converter is fully compliant with IEEE802.3U, IEEE802.3z 1000Base-TX/FX protocols. The converter can support auto MDI-MDIX function, flow control for full and half duplex operation, etc.

A DIP switch is placed at the bottom of the case. Depend on different configurations, the user can set the different operating mode (Force FX to 100M, pass through mode and LLCf).

Specification:

Data Rates:	. 10/100/1000Mbps (IEEE802.3U IEEE802.3z 1000Base-Tx) . 1000Mbps (1000Base-FX) or 100Mbps (100Base-FX)
Input Power Requirements:	. Input voltage: DC 5 - 12V . Power Consume: 3 Watts maximum
Environmental Conditions:	. Operating temperature: 0°C to 50°C . Cooling: free air convection . Storage temperature: -20°C to +85°C . Operating Humidity: 90% max, non-condensing
Mechanical Specifications	. Case Material: Metal . Case Color: Black



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	. Net Weight: 150g approx. / unit . Dimensions: 60 (W) x 20 (H) x 90 (L) (mm) Not including transceiver length
Warranty	. 2 years standard warranty

Note: Specifications subject to change without notice

Ordering information

- MC-1000-SFP, 10/100/1000Base-TX to one SFP (155Mbps) Slot Converter, LC
- MC-1000-SC01, 10/100/1000Base-TX to dual MM fibers, 850nm, 550M and SC
- MC-1000-SC20, 10/100/1000Base-TX to dual SM fibers, 1310nm, 20Km and SC
- MC-1000-SC40, 10/100/1000Base-TX to dual SM fibers, 1550nm, 40Km and SC
- MC-1000-SC60, 10/100/1000Base-TX to dual SM fibers, 1550nm, 60Km and SC
- MC-1000-SC80, 10/100/1000Base-TX to dual SM fibers, 1550nm, 80Km and SC

- MC-1000-SC20A, 10/100/1000Base-TX to single SM fiber, Tx1310/Rx1550, 20Km, SC
- MC-1000-SC20B, 10/100/1000Base-TX to single SM fiber, Tx1550/Rx1310, 20Km, SC
- MC-1000-SC40A, 10/100/1000Base-TX to single SM fiber, Tx1490/Rx1550, 40Km, SC
- MC-1000-SC40B, 10/100/1000Base-TX to single SM fiber, Tx1550/Rx1490, 40Km, SC
- MC-1000-SC60A, 10/100/1000Base-TX to single SM fiber, Tx1490/Rx1550, 60Km, SC
- MC-1000-SC60B, 10/100/1000Base-TX to single SM fiber, Tx1550/Rx1490, 60Km, SC
- MC-1000-SC80A, 10/100/1000Base-TX to single SM fiber, Tx1490/Rx1550, 80Km, SC
- MC-1000-SC80B, 10/100/1000Base-TX to single SM fiber, Tx1550/Rx1490, 80Km, SC

Note: We have other distance transceivers and fiber connectors at your special requirements.