

# Mini 100M Media Converter

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



## Product Features

- ❖ 10/100Base-TX UTP to 100Base-FX fiber media conversion
- ❖ Support IEEE802.3 10Base-T,
- ❖ IEEE802.3u 100Base-TX/FX standards
- ❖ Choice of SC, BiDi or other connectors for
- ❖ multimode and single mode
- ❖ DIP switch to set different configurations
- ❖ LFP (Link Fault Pass-through) support
- ❖ Compact package size

## Description

The mini 10/100Base-TX to 100Base-FX Media Converter is fully compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX/FX protocols. The converter can support auto MDI-MDIX function, flow control for full and half duplex operation, link fault pass through function (LFP), etc.

A DIP switch is placed at the bottom of the case. Depend on different configurations, the user can set the different operating mode (UTP port speed 10M or100M, full or half duplex mode, pass through mode, LFP enable or disable).

## Specification

Parameters	Specification
Data Rates	10/100 Mbps (802.3 10Base-T/802.3u 100Base-T) 100Mbps (100Base-FX)
Input Voltage	DC 5-12V or AC 6-12V 50/60Hz (optional)
Power Consume	3 Watts maximum
Operating Temperature	0°C to 40°C
Cooling	free air convection
Storage Temperature	-20°C to +85°C
Operating Humidity	90% max, non-condensing
Case Material	Iron
Case Color	Black
Net Weight	150g approx. / unit
Dimensions	60 (W) x 20 (H) x 90 (L)mm (Do not include transceiver length)

## Ordering Information

Part Number	Description
FM-03MC-1SFP	Mini Media Converter 10/100M, 1 SFP PORT
FM-3103-02M	10/100 Base-TX/FX Mini Media Converter, 2Km, SC Connector (Multimode), Dual Fiber
FM-3103-20S	10/100 Base-TX/FX Mini Media Converter, 20Km, SC Connector (Single mode), Dual Fiber
FM-3103-40S	10/100 Base-TX/FX Mini Media Converter, 40Km, SC Connector (Single mode), Dual Fiber
FM-3103-60S	10/100 Base-TX/FX Mini Media Converter, 60Km, SC Connector (Single mode), Dual Fiber
FM-3503-20S	10/100 Base-TX/FX Mini Media Converter, 20Km, SC Connector (TX=1310 nm), Single Fiber
FM-5303-20S	10/100 Base-TX/FX Mini Media Converter, 20Km, SC Connector (TX=1550 nm), Single Fiber
FM-3503-40S	10/100 Base-TX/FX Mini Media Converter, 40Km, SC Connector (TX=1310 nm), Single Fiber
FM-5303-40S	10/100 Base-TX/FX Mini Media Converter, 40Km, SC Connector (TX=1550 nm), Single Fiber
FM-3503-60S	10/100 Base-TX/FX Mini Media Converter, 60Km, SC Connector (TX=1310 nm), Single Fiber
FM-5303-60S	10/100 Base-TX/FX Mini Media Converter, 60Km, SC Connector (TX=1550 nm), Single Fiber