



MC-SMDF is 10/100Mbps Fast Ethernet Converter. The Converter mediates between a 10/100Base-Tx segment and a 100Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding workgroups that require expansion of the Ethernet network. It can extend the conventional 10M Ethernet or 100M Fast Ethernet to 20km-120km via the fast Ethernet Fiber-optical Line. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network

Key Features

- ❖ *Provide one Dual Single Fiber Connector and one UTP Connector*
- ❖ *fully Complies with IEEE802.3 10Base-T, IEEE 802.3u 100Base-TX/FX standard*
- ❖ *Auto-detection of half/full duplex transfer mode for TX port*
- ❖ *Auto-negotiation of 10/100Mbps rate and Auto-MDI/MDIX for TX port*
- ❖ *LFPT (Link Fault Pass Through) Function optional*

MC-SMDF-20

Specifications

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX/FX Fast-Ethernet IEEE802.3x
RJ-45 Port	Auto-MDI/MDIX
Fiber Port	SC/ST/FC 1310/1550nm
Network Cable	10BASE-T: Category 3,4 or 5 UTP/STP (Max:100m) EIA/TIA- 568 100 Ω STP (Max:100m) 100BASE-TX: 2pairs of category 5 UTP (Max:100m) EIA/TIA- 568 100 Ω STP (Max:100m) 100BASE-FX: SMF:8.3/125,8.7/125,9/125,10/125μm (20~120km)
Dimensions (WxDxH)	94x71x27mm (External power) 157x129x32mm (Internal power)
Input Voltage	DC5V1.5A(External power input : AC100V-AC240V/50-60HZ) AC100V-AC240V and DC-48V is optional (Internal power)
Power Consumption	5w(External Power)
Operation Temperature	0~70C
Store Temperature	-40C~85C
Humidity	5%~95% non-condensing
Net Weight	0.45kg(External Power) 0.85kg(Internal Power)