10/100Mbps Mini Fiber Media Converter with Din Rail

BCZW

2 YEAR EXCLUSIVE WARRANTY

Hot Pluggable

Chaasis Installation

6KV Lightning Protection
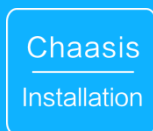
FMC-100-FE-M

Key Features:

--- Complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
--- TP port supports 10/100BASE-T auto-negotiation and auto-MDI/MDI-X
--- 100BASE-T: 5/5e/6 UTP cable, up to 100 meters
--- Wall Mountable design
--- LED indicators for easy network diagnostics
--- Compact in size, easy installation
--- Super mini size

Introduction

This FMC-100-M series media converter extends network distance with highly performance via fiber optic cable. It provides media conversion between 10/100BASE-T and 100BASE-SX/LX interfaces. There are SC/SFP/WDM connectors with single-mode or multi-mode media for different distance solution as required. The Ethernet signal allows three types of segments to connect easily, efficiently and inexpensively. As this Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, the media conversion installation is quite quick and easy with its plug and play feature. The FMC-100 also supports flow control and back pressure in half-duplex to eliminate packet loss.

The fiber port of the converter operates at 1310 /1550nm with SC connectors. Multi-mode models that support distances up to 2km and single-mode models that support distances up to 100km more are available which it can save more installation..

Easy Installation

This FMC-100-M fiber converter allows two types of the segment to connect easily. These media chassis can assist in producing the power for the converters to maintain the fiber-optic network at one location. As the Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, the media conversion installation is quite quick and easy with its plug and play feature. The fiber converter also supports flow control and back pressure in half-duplex mode to eliminate packet loss.
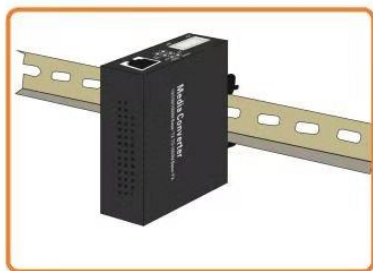
FMC-100-FE-M

10/100Mbps Mini Fiber Media Converter

Technical Datasheet

Model	FMC-100-FE-M	
Hardware Specifications		
Connector	1* 10/100BASE-T RJ45 auto MDI/MDIX ports 1* 100 Base-X SC/FC	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) Fiber: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow Control IEEE802.3az EEE	
Jumbo Frame	9K	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	1Gbps
	Packet forwarding rate	0.75Mpps
	MAC address	4k
Power requirement	DC 5V	
ESD Protection	6KV ESD	
Dimension (W x D x H)	42.3x 62.3 x 22mm (1.67in*2.45*0.87in)	
Weight	<0.1kg	
Environment	Operating temperature: -20℃~55℃，operating humidity: 5％~95％ Storage temperature: -40℃~75℃，storage humidity: 5％~95％	
Safety	FCC Part15 Class A,CE.RoHs	

Installation
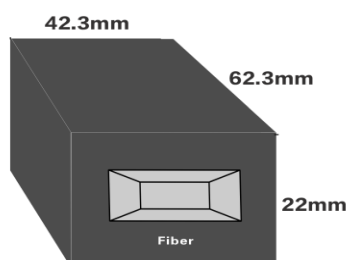

DIN-rail Installation

Wall-mount Installation

FMC-100-FE-M

10/100Mbps Mini Fiber Media Converter
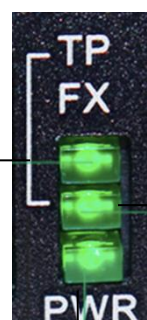
Interfaces and Structure Diagrams

| SC Slot | LED indicator | 5V DC | RJ45 | Ventilation vent |

42.3mm

62.3mm

22mm

Fiber

On: Fiber is connected
Off: Fiber is off

On: UTP is connected
Off: Transmitting data

On: Power supply is on
Off: Power supply is off

Applications

Hcadquarters

Branch office

FMC-100-FE-M

FMC-100-FE-M

100Base-SX/LX Fiber-optic
100Base-T UTP

100Base-SX/LX 220M-120km

Switch

10/100M
Media Converter

10/100M
Media Converter

Switch
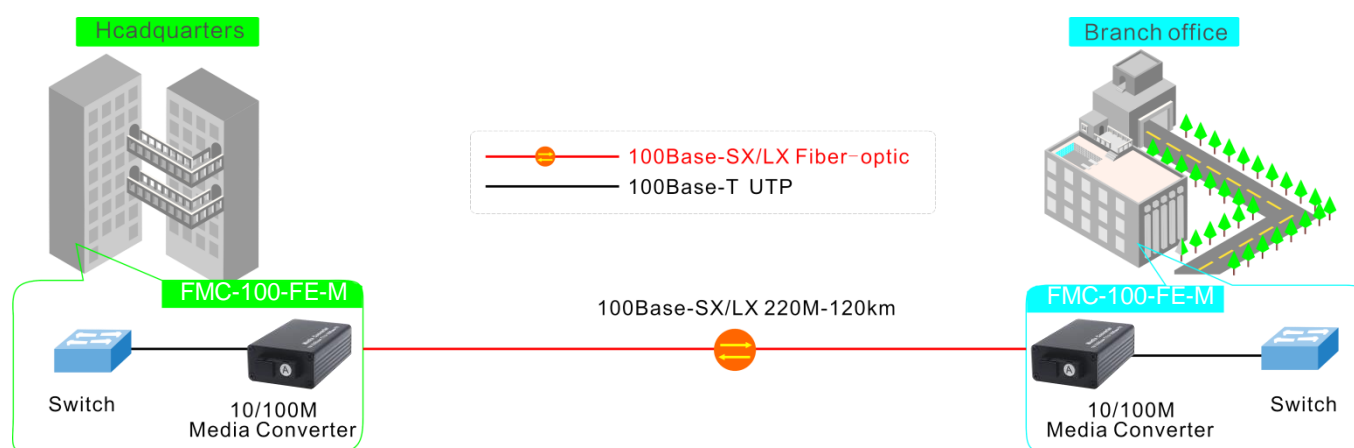
Ordering Information	
FMC-100-FE-M	1ch 10/100BASE-T to 100BASE-X SC Mini Fiber Converter,20KM