EXCLUSIVE 2 YEAR WARRANTY

10/100/1000Mbps SFP Fiber Media Converter



Hot Pluggable

Chaasis Installation

6KV Lightning Protection

Key Features:

--- Complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab/z 1000BASE-T,

--- TP port supports 10/100/1000BASE-T auto-negotiation and auto-MDI/MDI-X

--- 1000BASE-T: 5e/6 UTP/STP cable, up to 100 meters

--- Wall Mountable design

--- LED indicators for easy network diagnostics

--- Compact in size, easy installation

Introduction

This gigabit media converter extends network distance with highly Gigabit performance via fiber optic cable. It provides media conversion between 10/100/1000BASE-T and 1000BASE-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 Gigabit Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T and IEEE 802.3z 1000BASE-LX/SX, the Gigabit 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 850/ 1310 /1550nm with SFP connectors. Multi-mode models that support distances up to 550m and single-mode models that support distances up to 100km more are available which it can save more installation..

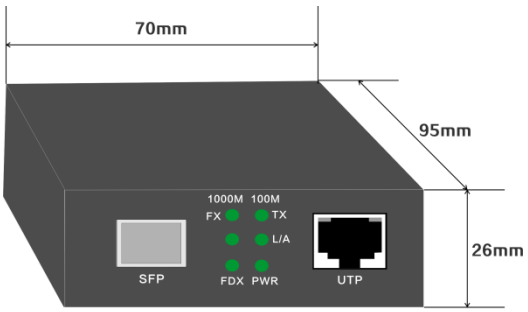
Easy Installation

This fiber converter allows two types of the segment to connect easily. It can be used as a standalone unit when powered by its DC adapter or used as a slide-in module to 14-slot media converter chassis. These media chassis can assist in producing the power for the converters to maintain the fiber-optic network at one location. As the Gigabit Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T and IEEE 802.3z 1000BASE-LX/SX, the Gigabit 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.

Technical Datasheet

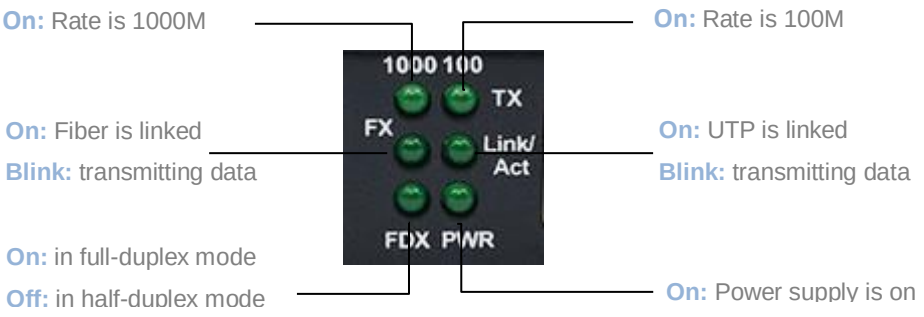
Model	102332	
Hardware Specifications		
Connector	1*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1*1000 Base-X SFP Slots	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) SFP: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 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	10Gbps
	Packet forwarding rate	2.98Mpps
	MAC address	4k
Power requirement	DC 5V	
ESD Protection	6KV ESD	
Dimension (W x D x H)	70 x 90 x 26mm (2.76in*3.54in*1.02in)	
Weight	<0.3kg	
Environment	Operating temperature: -20℃~55℃，operating humidity: 5%~95% Storage temperature: -40℃~75℃，storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE.RoHs	

Interfaces and Structure Diagrams

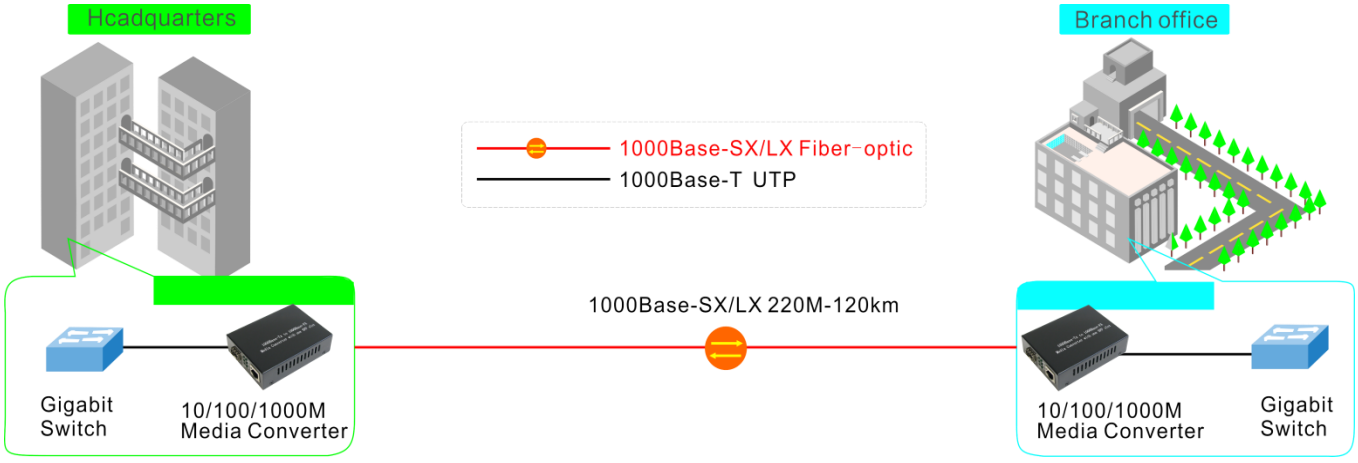




SFP Slot | LED indicator | 5V DC | RJ45 | Ventilation vent



Applications



Ordering Information	
102332	1ch 10/100/1000BASE-T to 100/1000BASE-X SFP Fiber Converter.LC Connector