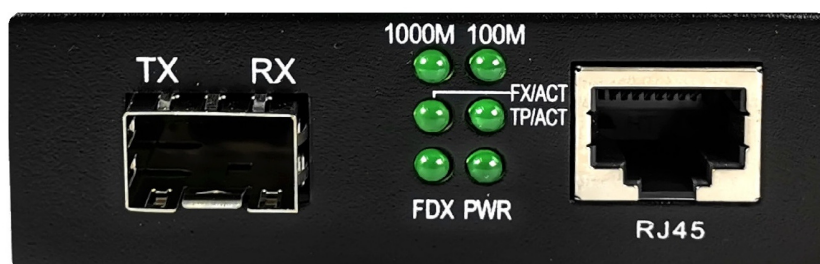**Model**   **:** ATZ FO-MC-GE-SFP
Description: 10/100/1000Base-T Ethernet to 1000Base-X
           fiber media converter with 1 x SFP Slot (w/o SFP transceiver)

Introduction:

- 10/100/1000M auto-negotiation
- Fiber port SFP hot-swap
- Excellent compatibility, user can choose SFP module freely

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Feature:

Conversion between different transmission speeds and media types
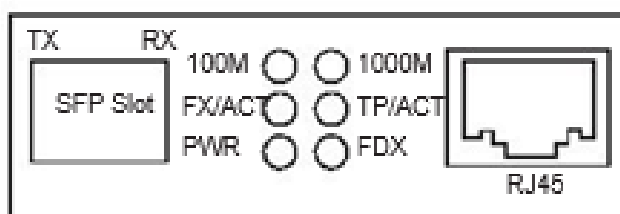Standalone and compact hardware design

Auto-negotiating Ethernet port (Speed and Half/Full Duplex)
Auto-crossover Ethernet port (Supports Auto MDI/MDI-X)
Standard open Fiber slots for SFP Transceiver
The transmission of extra-long packets over VLAN
Easy-to-view LED indicators provides status to easily monitor network activity
Voltage supervisor
RoHS Compliant

Overview:

ATZ FO-MC-GE-SFP is designed to meet the various needs for extending network segments and is able to extend a copper, based network via fiber cable to a maximum distance up to 80km. (Depending on which SFP is used). Our converter is fully compliant with IEEE802.3, IEEE802.3U, IEEE802.3z 1000Base-SX/LX, standards. It can be used as IEEE802.3ab, 10/100/1000Base-Tx, and a standalone converter or installed into one of our 14 slot Media Converter chassis. Operation status can be locally monitored through a set of diagnostic.

LEDs located on the front panel.
LED Indicators:

LED	FUNCTION	STATUS	DESCRIPTION
PWR	Power LED	ON	Power is ON
		OFF	Power is OFF

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TP/ACT	UTP interface link/action status	ON	10M Copper Cable Link or Better connected
		Blink	Copper port is transmitting data
		OFF	No Cable connected or No Network Connection
100M	Copper interface speed	ON	Copper port Network Connection speed at 100M
1000M	Copper interface speed	ON	Copper port Network Connection speed at 1000M
FX/ACT	Fiber interface link/action status	ON	Fiber Optic Network connection is present
		Blink	Fiber Optic port is transmitting data
		OFF	Fiber is disconnected or no Nerwork Connection
FDX	Copper interface duplex mode	ON	Full duplex
		OFF	Half duplex

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Specifications:

Parameter	Specifications
Access mode	10/100/1000Mbps Gigabit Ethernet
Optical interface	LC
Standard	IEEE802.3 10Base-T Ethernet,IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit thernet,IEEE802.1qVLAN,IEEE802.1p QoS,IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm(Option)
Ethernet connector	One RJ45 connector, connected to STP/UTP category-5 twisted pair One SFP Port
Conversion mode	Medium conversion, storing and forwarding
MAC address table	I K
Buffer space	1Mbit
Flow control	Full duplex state: flow control; half duplex state: back pressure mode
Delay	9.6us
Bit error rate	<1/1000000000
MTBF	100,000 hours
LED	POWER (power), FX LINK (fiber link action), TP LINK1000 (twisted pair connection 1000M), TP LINK100 (twisted pair connection 100M), TP ACT (twisted pair packet forwarding action)
Power	220V(175-260V)AC, 50Hz

DC:48VDC |
Power consumption	5W
Operating temperature	-10°C – 55° C
Operating humidity	5%~90%
Storage temperature	-40°C - 70° C
Storage humidity	5%~90% (non-condensing)
Dimensions	26mm (H) * 70mm (W) * 94 mm (D) (external power supply)

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Packing List:

The box should contain the following items:

- 10/100/1000TX to Single SFP Port Media Converter unit
- AC-DC Power Adapter (Output: 5VDC, 2 Amps max.) For standalone use.
- User's Manual

Please notify us immediately if any items are missing or damaged.

Application:

Model **:** ATZ FO-MC-GE-SFP
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