



A-END

B-END

## 1 PRODUCT DESCRIPTION

Gigabit Fiber Media Converter with 10/100/1000M single mode Single Fiber Converter is the conversion equipment of Ethernet optical-electronic signals between 10/100/1000M UTP interface (TX) and 100M/1000M Fiber interface (FX). The traditional 10/100/1000M Ethernet can be extended to the distance of 100km through Single Optical Fiber link. The Series product with reasonable price is especially designed for network end-users. There are also many other advantages such as isolation protection, good data security, working stability and easy maintenance.

## 2 FEATURES

- Comply with IEEE 802.3, IEEE 802.3U /ab/x standards;
- Support full duplex/half duplex working mode, and with automatic negotiation function;
- Support cable through/cross automatic identification;
- Support POE(PD) with IEEE802.3af
- Transmission distance up to 120 km (single mode);
- Supports jumbo frames up to 9216 bytes; Modular design plug and play, can be used in a single machine or in a rack (only external power supply type);
- The whole machine has less heat, stable and reliable performance;
- Good flow control, with self-reset function, can effectively prevent crash phenomenon.

# 3 HARDWARE SPECIFICATION

Technical Parameters for 10/100/1000M Adaptive Fast Ethernet Optical Media Converter	
Transmission Rate	self-adaptive 10/100/1000M
Protocol supported	IEEE802.3/IEEE802.3U etc.
Fiber Type	Single Fiber
Optic mode	Single Mode
Transmission mode	half / full duplex
Overall Power	<3W
Ethernet interface	RJ45 LINE
Optic interface	SC
BER	< 1/10000000000
Working temperature	0~50°C
Storage temperature	-20°C~70°C
Product size (L*W*H)	28.1mm*18mm*105mm

# 4 APPLICATION PICTURE

