6Ports Fiber Media Converter

2 Fiber 4UTP

Model:AZ-1000M-2FX4TX

Overview

AZ-1000M-2FX4TX can interconvert the electric signal of 10M/100M/1000M twisted pair and the optical signal of 1000Base-FX/LX. It extends the network transmission range from 100m to 80Km (single mode optical fiber). The media converter can provide 4*10/100/1000M ports and 2 fiber port.

Its typical application is Ethernet long range interconnection, such as the interconnection between the equipment room of community with MAN. No configuration of the switch is needed during connection due to the adaptive function. The newly added lightning protection function guarantees the safety of the equipment.

Features

conforms to IEEE802.3, IEEE802.3u (10Base-T, 100Base-TX, 100Base-FX) 1000Base-TX, 1000Base-SX/LX international standard;

brings 1M buffer, supports 2KMAC address;

isolates network conflict and broadcasting package effectively, has the function of preventing broadcasting storm;

providing 4 electrical ports and 2 fiber ports;

multi- mode connection: transmitting range can reach 550 meters as farthest;

single-mode connection: transmitting range can reach 80 kilometers.

Support web management (optional),can easily mornitor and configure the device.

100Base-FX Optical interface:

SC-PC/FC-PC

Optical fiber category:

- single-mode 8.3/125, 8.7/125, 9/125, 10/125um
- multi-mode 50/125, 62.5/125, 100/140um

multi- mode connection: transmitting range can reach 5 kilometers as farthest;
single-mode connection: transmitting range can reach 80 kilometers.

10/100Base-TX :

UTP RJ45 connector (coaxial, twisted pair)

Cable type: non-shielded 5 class cable Cat.5UTP, can transmit 100 meters

Power supply

working voltage range wide, good

anti-disturb and Isolation, work stable option
I – DC-48V,range DC-36V~DC-72C option
II – AC220V,range AC165V~AC240V

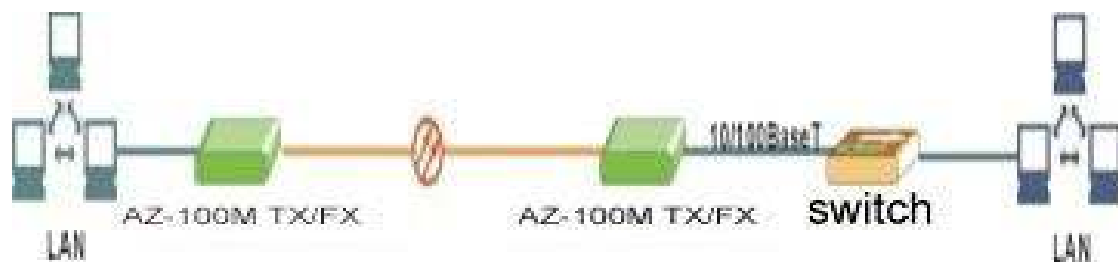Power Consumption: <=3 Watts

Environment condition
Operating temperature: 0C~+50 C
Storage temperature: -20 C~+70 C
Relative temperature:95% (uncondensed)

Dimension

202mm(L)
90mm(W)
26mm(H)

Application

Order information

AZ-1000M-2FX4TX-550	4*10/100/1000M, 2 fiber port,Multi-mode 550m,power AC220V
AZ-1000M-2FX4TX-20	4*10/100/1000M, 2 fiber port,Sigle-mode,20Km
AZ-1000M-2FX4TX-40	4*10/100/1000M, 2 fiber port,Sigle-mode 40Km
AZ-1000M-2FX4TX-60	4*10/100/1000M, 2 fiber port,Sigle-mode 60Km
AZ-1000M-2FX4TX-80	4*10/100/1000M, 2 fiber port,Sigle-mode 80Km
AZ-1000M-2FX4TX-BI-20	4*10/100/1000M, 2 fiber port,WDM 20Km
AZ-1000M-2FX4TX-BI-40	4*10/100/1000M, 2 fiber port,WDM 40Km
AZ-1000M-2FX4TXW-20	4*10/100/1000M, 2 fiber port,Sigle-mode,20Km,web management,power