

# 5\*10/100M Fiber Media Converter

1 Fiber 4TP

**Model:AZ-100M-4RJ**

## **Overview:**

AZ-100M-4RJ fiber media converter can interconvert the electric signal of 100Base-TX twisted pair and optical signal of 100Base-FX.

AZ-100M-4RJ can provide one fiber Ethernet port and four TP port.

It extends the network transmission range from 100m to 100Km (single mode optical fiber). 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, 100BaseT-FX) international standard;
- ☰ can provide one fiber port and four TP port;
- ☰ supports 1K MAC address;
- ☰ isolates network conflict and broadcasting package effectively, has the function of preventing broadcasting storm;
- ☰ Back pressure flow control.;
- ☰ built-in power supply or built-out power supply for option;
- ☰ support both 10/100M full/half duplex self-adaptive;
- ☰ support DIN rail casing.
- ☰ LED for power,twist pair link,fiber link
- ☰ Built-in power AC220V or DC48V

## **100Base-FX Optical interface:**

SC/FC/ST can be chosen by customer 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 120 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~+60 C  
 Storage temperature: -20 C~+85 C  
 Relative temperature:95% (uncondensed)

**Dimension:**

- ≡ 120mm(L)
- ≡ 84mm(W)
- ≡ 27mm(H)

**Order information:**

AZ-100M-4RJ-02	Multi-mode	2Km
AZ-100M-4RJ-20	Sigle-mode	20Km
AZ-100M-4RJ-30	Sigle-mode	30Km
AZ-100M-4RJ-40	Sigle-mode	40Km
AZ-100M-4RJ-60	Sigle-mode	60Km
AZ-100M-4RJ-80	Sigle-mode	80Km
AZ-100M-4RJ-BI-20	WDM	20Km
AZ-100M-4RJ-BI-40	WDM	40Km
AZ-100M-4RJ-BI-60	WDM	60Km

**Application:**

