



## 4 POTS (FXO/FXS) over Fiber multiplexer

### Functions

4 POTS (FXO/FXS) over Fiber multiplexer is a kind of point-to-point fiber transmission device. Azmoon designed 4POTS (FXO/FXS), 1 channel 100M Ethernet, transmit over one fiber, and it could match different customer requirement



### PRODUCT CHARACTERISTIC

- provides 1 100M (liner) Ethernet ports for option;
- provides 1~4channel POTS( FXO/ FXS),also can offer 2/4 wire E&M for option;
- Ethernet port 10/100M, full/half duplex auto-adaptable and supports VLAN;
- Ethernet port supports AUTO-MDIX (twisted cable and straight cable auto-adaptable);
- 1~4 channel voice connection, supports calling indication;
- Configuration: point to point;
- Voice port supports O port and S port, O port connects switch and S port connects user's phone;
- Optical interface supports SC/FC interface and supports single fiber interface

### FXO port

Alarm voltage	75V
Alarm frequency	25HZ
2 line input impedance	600Ω (hanging off)
Wastage	40db

### FXS port

Alarm detecting voltage	35V
Alarm detecting frequency	17HZ-60HZ
2 line input impedance	600Ω (hanging off)
Wastage	40db

### 10/100BaseT Interface

Number of Interfaces	1 port
Interface Types	10/100BaseT
Standards Compliance	IEEE 802.3
Protocol	User Programmable HDLC
Connectors	RJ45 (10/100 BaseT Electrical)

### Optical Interface



Optical interface	SC/FC/ST
Wavelength	1310nm/1550nm for single-mode optic interface for option 850nm/1310nm for multi-mode optic interface for option
Sending consumption:	-9dBm (regular order)
Receiving and dispatching module:	>-36dBm(regular order)
Optical receiver receiving sensitivity:	<-36 (BER<10):
Optical code:	NRZ
Transmit distance	MM 2Km/5Km,SM 20Km/40Km/60 Km/120Km for option
<b>Mechanical Specifications</b>	
Dimension	210mm(L)*140mm(D)*30mm(H)
<b>Power Supply</b>	
Input AC/DC voltage	-48V DC ( nominal ) / AC also available
Range of input	-36V to -72V DC /90V~260VAC
Temperature	0 centi degree to 55 centi degree
Humidity	95% RH (non-condensing)
Cooling	Convection Cooling
<b>Order information</b>	
AZ-OP-MUX04	4POTS(FXO/FXS) over Fiber multiplexer
AZ-OP-MUX04/ETH	4POTS(FXO/FXS),1Ethernet over Fiber multiplexer

## Application

