

AT-OLT-16T

Product introduction

This device provides 1-16 Channel telephone, 2 Channel 10M/100M Ethernet interface (Wire Speed 100M). Equipment electrical part for the whole digital circuits, machine reliability, stability, low power consumption, high integration, small size, easy installation and maintenance.

Product Picture



Functional characteristics

- Based on self -copyright IC;
- Voice port supports FXO and FXS port, Support FXO/FXS, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~16 channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Support various sites mutual number allocation function;
- Ethernet interface supports 10/100M, half/full duplex auto- adaptable;
- AC 220V, DC-48V can be optional;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 10 / 700μs, the peak output voltage 6KV open standards.

Technical Parameters

◆ Fiber

SFP Slots Available

Wave Length:

820nm

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Transmitting power:	-12dBm (Min) ~ -9dBm (Max)
Receiver sensitivity:	-28dBm (Min)
Link budget:	16dBm
Single-mode Fiber	
8/125um, 9/125um	
Maximum transmission distance:	40Km
Transmission distance:	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wave Length:	1310nm
Transmitting power:	-9dBm (Min) ~ -8dBm (Max)
Receiver sensitivity:	-27dBm (Min)
Link budget:	18dBm

◆ FXS Phone Interface

Ring voltage:	75V
Ring frequency:	25HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	20 dB

◆ FXO Switch Interface

Ring detect voltage:	35V
Ring detection frequency:	17HZ-60HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	20 dB

◆ Ethernet interface(10/100M)

Interface rate:	10/100 Mbps, half/full duplex auto-negotiation
Interface Standard:	Compatible with IEEE 802.3, IEEE 802.1Q
MAC Address Capability:	4096
Connector:	RJ45, support Auto-MDIX

◆ Electrical and mechanical characteristics

System power supply :	AC180V ~ 260V; DC -48V; DC + 24V
Power waste :	≤5W
Size:	(L×W×H) 485*138*45mm 19inch

◆ Working environment

Working temperature:	-10°C ~ 50°C
Working Humidity:	5%~95 % (no condensation)
Storage temperature:	-40°C ~ 80°C
Storage Humidity:	5%~95 % (no condensation)

MTBF: > 100,000 hours

Product specifications

Product Name	16 Voice+2 FE Multiplexer
Functional Description	Transmission of 16-Channel Telephone (RJ11)+2-Channel FE on Optical Fiber , 19inch, Power Supply:DC – 48V or AC220V
Port Description	16* telephone, 2*100 Mbps Ethernet, 1* Fiber interface
Power	Power supply: AC180V ~ 260V ; DC –48V
Dimension	(L×W×H) 485*137*45mm 19inch
Weight	2Kg