

Fiber-8Voice Multiplexer+1Network

Overview

This device provides 1-8 Channel telephone 1 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.

Photo



Mini Type

Features

- Based on self -copyright IC ;
- The local end can display the fiber connection status of the remote device ;
- 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;
- 1~8channel Voice access, Voice FXO / FXS interface, support for caller ID / reversepolarity billing / fax function;
- Support various sites mutual number allocation function ;
- External AC220/5-12V power adapter, can also be external DC-48V/5-12V power adapter ;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit

current wave 8 / 20 μ s, the peak output voltage 6KV open standards

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Parameters

◆ Fiber

Multi-mode Fiber

50/125um, 62.5/125um,

Maximum transmission distance: 5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km)

Wave Length: 820nm

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 PhoneInterface

Ring voltage: 75V

Ring frequency: 25HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

◆ FXO SwitchInterface

Ring detect voltage: 35V

Ring detection frequency: 17HZ-60HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

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

◆ 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)

Specifications

Model	TSM-8PCM+1N
Functional Description	8* telephone, 1* Fiber interface
Power	Power supply: DC5-12V Power consumption: ≤10W
Dimension	Product Size: 90X104X31mm (WDXH) mini type
Weight	0.8KG

Application

