

Fiber-4Voice Multiplexer+1Network

Overview

This device provides 1-4Channels telephone and 1 Channel 10M/100M Ethernet interface (Wire Speed 100M) over fiber, with external power supply.

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;
- 1~4channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity 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 / 20μs, the peak output voltage 6KV open standards.

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 (VLAN)
 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-4PCM+1N
Functional Description	4* telephone, 1* Fiber interface
Power	Power supply: DC5-12V Power consumption: ≤10W
Dimension	Product Size: 90X104X31mm(WXDXH) mini type
Weight	0.6KG

Application

