

Fiber-32Voice + 2FE Multiplexer

Overview

This device provides 1-32Channel telephone, 2Channel 10M/100M Ethernet interface (Wire Speed 100M), 2Channel Ethernet interface is switch interface, can support VLAN.

Photo



19 Inch Type

Features

- 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;
- 1~32channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Support various sites mutual number allocation function
- Ethernet interface supports10/100M, half/full duplex auto- adaptable, support VLAN
- Ethernet interface can support AUTO-MDIX (crossed line and straightly connected line self-adaptable)
- 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.
- The transmission distance is up to 2-120Km without interruption
- AC 220V, DC-48V, DC24V can be optional

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

◆ 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

◆ FXS Phone Interface

Ring voltage: 75V

Ring frequency: 25HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

◆ FXO Switch Interface

Ring detect voltage:	35V
Ring detection frequency:	17HZ-60HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	40 dB
Return loss:	20 dB

◆ 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-32PCM+1N
Functional Description	32 * telephone, 2*100 Mbps Ethernet, 1* Fiber interface
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W
Dimension	Product Size: 485X138X45mm(WXDXH) 19 1U
Weight	2.4KG

Application

