

## Fiber-4Voice Multiplexer+ 1Network

## Overview

This device provides 1-4Channel telephone 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 / 20  $\mu$  s, 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 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-4PCM+1N                                      |
| Functional Description | 4* telephone, 1* Fiber interface                 |
| Power                  | Power supply: DC5-12V<br>Power consumption: ≤10W |
| Dimension              | Product Size: 90X104X31mm(WXDXH) mini type       |
| Weight                 | 0.6KG                                            |

## Application

