

◆ 1*Voice to Fiber converter,Internal Power

➤ Features

- Based on self -copyright IC
- Voice port supports FXO and FXS port, 2Wire Audio, magnet phone interface,FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone
- Voice FXO/FXS access supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- The transmission distance is up to 2-120Km without interruption
- Phone interface provide the lightning-protection function which can reach the IEC61000-4-5 (8/20μs), CM (6KV)
- AC 220V, DC-48V, DC24V can be optional



➤ Introduction

This mini type device provides 1-4 channel FXO/FXS telephone and you can hang it on the wall.

➤ Specification

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	600m
Return loss	40 dB

Fiber Interface

Multi-mode Fiber

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

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

2/4 wire Audio Interface

AD gain 0db

DA gain -3.5dB

line Impedance 600 Ohm (pick up)

Return loss 20 db

Other

Power supply AC180V ~ 260V; DC - 48V; DC +24V

Power consumption $\leq 10W$

Dimension 216 mm(W)×130mm(D)×31mm(H)

Weight 800g

Operating temperature -10 °C ~ 50°C

Storage temperature -40°C ~ 80°C

Humidity 5% ~ 95% (no condensation)

Warranty 3years

➤ Application

