AT-MINI FMO MUX-08

8FXO/FXS+2FE Fiber Mux

(Desktop Type)

: Overview

This series is based on the company's proprietary research on VLSI, developed point optical transmission equipment. This product provides 1~8channel telephone; two* Fast Ethernet interface, support VLAN division. With a sound alarm function, the whole stable, reliable, low power consumption, high integration, small size.

: Product

Desktop Type

Features

➢ Based on proprietary integrated circuit;

➢ 1 ~ 8channel voice access, support caller ID function and reverse polarity billing functions;

➢ 2* Ethernet interface, the rate of 10M / 100M, full / half duplex adaptive, two* Ethernet can be set to logical isolation;

➢ Voice port supports FXO and FXS port, EM2/4 audio interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;

➢ Support Telephone Number mutual function of each site;

➢ optical port unrepeated transmission distance of up to 2 to 120 km;

➢ Data interface provide the lightning-protection function，which can reach the IEC61000-4-5 (8/20μs), CM (6KV)

➢ multiple power mode options: AC220V, DC-48V / DC24V, etc;

➢ DC-48V / DC24V power supply with automatic polarity detection function, when installed without distinction between positive and negative.

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: 10/100Mbps, 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

◆ EM 2/4 Line

AD: 0dB

DA: -3.5dB

Two/Four-line Impedance: 600 Ohm

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	AT-MINI FMO MUX-08
Functional Description	8*POTS（FXO/FXS/2 wire Voice）+2*FE Ethernet Over Fiber，Desktop Type
Port Description	One Fiber interface；8*POTS；2*FE
Power	Power supply: AC180V ~ 260V；DC –48V；DC +24V Power consumption: ≤10W
Dimension	Product Size: 136X131X31mm(WXDXH)
Weight	1.2 KG

Application

ANDA Telecom Pvt. Ltd.
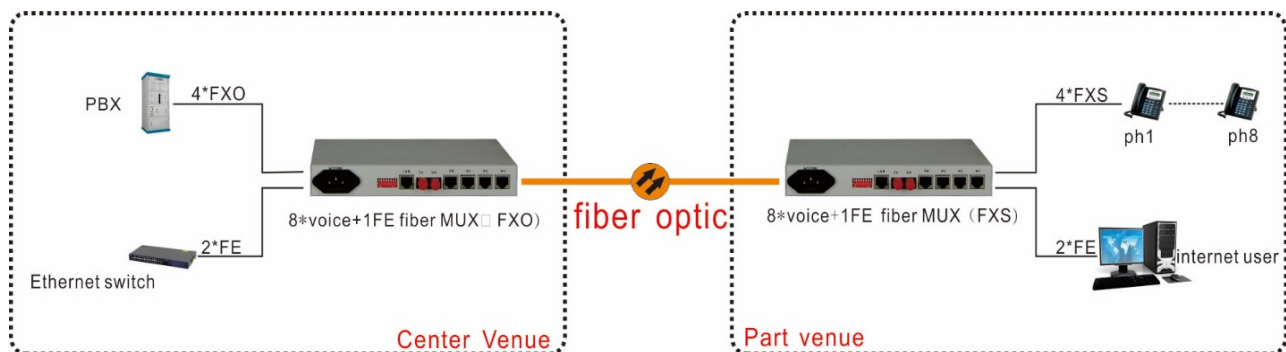Registered office: E-36, Amar Colony, Lajpat Nagar-IV, New Delhi - 110024, INDIA
Phone: +91 11 41323629, +91 95 302 57173
E-mail: Info@andatelecomindia.com   URL: www.andatelecomindia.com