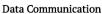


FOREVER ENGINEERING SYSTEMS PVT. LTD.







Optical Fiber



Tele Communication



IT Product & Services



16 FXO/S + 4E1+4Eth

16 Port FXO /S Over Fiber

Overview:

FES 16 FXO/S + 4E1+4Eth Over Fiber multiplexer is point to point fiber transmitting equipment, which realize $1\sim4$ E1,4*10/100M Ethernet,16 channel voice (FXO, FXS) and $1\sim2$ channel RS232 over fiber transmission. Its merits include complete warning function, high integration, low consumption, stable performance and convenient usage.

Technical Specifications:

Header:

Brand: FES

Product Line: Forever Engineering Systems Pvt. Ltd.

Features:

- Provides 4 channel E1/ G.703
- provides 1~4*10/100M Ethernet
- provides 16 channel voice port, FXO and FXS for option
- provides1~2 channel RS232, rate supports 300-15200 bps for option
- Ethernet port 10/100M, full/half duplex auto-adaptable and supports VLAN
- Ethernet port supports AUTO-MDIX (twisted cable and straight cable auto-adaptable)
- 1-16 channel voice connection, supports calling indication
- Voice port supports O port and S port, O port connects switch and S port connects user's phone
- Optical interface supports SC or FC or ST connector, single mode or multimode fiber or WDM fibe
- Fiber transmission distance up to 120km

Technical Specifications:

FXS:

Alarm voltage: 75VAlarmf requency: 25HZ

• 2 line input impedance: 600Ω (hanging off)

• Wastage: 40db

FXO:

Alarm detecting voltage: 35V

Alarm detecting frequency: 17HZ-60HZ
2 line input impedance: 600Ω (hanging off)

Wastage: 40db

CORPORATE OFFICE

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Data Communication

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Data RS232 port

Rate: 300—115.2Kbps auto-adaptable (Asynchronous)
 Interface characteristic: satisfies ITU-T V.24 standard

Connector: RJ45

Optical interface

• Optical wavelength: single mode 1310nm/1550nm

• Fiber: single fiber or double fiber for option

Transmitting consumption: -9dBm/-5dBm

Transmission range: 0-50Km/120Km for option

Optical interface: SC/FC\

• Receiving and dispatching module: >-6dBm

Optical receiver receiving sensitivity <-36 dBm (BER<10-11)

Fiber circuit code: NRZ code

E1 Interface

Interface standard: Conforms to G.703 standard

• Interface rate: N×64Kbps, N:1~32

• Vibration characteristic: Satisfies G.742 and G.823 standard

Transmission capacity: 1*E1

Clock type: internal-clock, route clock

Connecter: BNC (75 Ω)

Interface impedance: 75Ω (non-balanced)

Ethernet 10/100Base-T Interface

• Rate: 10/100M, full/duplex auto-negotiation

Protocol: Support IEEE 802.3, IEEE 802.1Q (VLAN)

MAC Address Entiries: 4096 Entiries

Total Memory Sizes: 64MBits SDRAM

Physical interface: RJ45, support AUTO-MDIX

Power supply

working voltage range wide, good

· anti-disturb and Isolation, work stable

option I – DC-48V,range DC-36V~DC-72C

option II – AC220V,range AC90V~AC260V

Power Consumption: <=10 Watts

environment condition

Operating temperature: 0C~+50 C

Storage temperature: -20 C~+70 C

• Relative temperature:95% (uncondensed)

Dimension

19inch rack mount,1U high

433mm(L)x238mm(W)x44mm(H)

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