30Voice Analog Phone Fiber Multiplexer

The 30voice fiber multiplexer is point to point fiber transmitting equipment,realizing 4E1,4channels 100M Ethernet,30channel voice (FXO, FXS) and 4channel RS232 over fiber. The device support SNMP management.

INFORMATION

DESCRIPTION:

The **30 Channel voice multiplexer** provide a method of multiplexing up to 30 analog (POTS) channels over a single pair of multimode or single mode fibers. The voice fiber multiplexer solves the problem of limited available fiber, reduces equipment space and lowers overall equipment costs.

In addition to voice(POTS), the voice multiplexer provides four 10/100 Base-T Ethernet ports and four RS-232 ports and four channel E1 ports. All ports operate simultaneously over the fiber optic cable, and may be used with leased lines to build up private networks and private telephone networks.

Its merits include complete warning function, high integration, low consumption,stable performance and convenient usage.

The 30voice(FXS/FXO) phone over fiber multiplexer can be managed by SNMP management,user can monitor kinds of devices' operation status easily.The device can support AC220V(110V) or DC48V power,or duoble power.

CHARACTERISTIC:
provides 4 channel E1/ G.703 for option;
provides 4 channel 100M (liner) Ethernet ports for option;
provides 30 channel voice port, FXO and FXS for option;
provides4 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);

1-30 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/FC interface and supports single fiber interface

Support SNMP network management (optional)

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 connector: SC/FC/ST optional
Receiving and dispatching module: >-6dBm
Optical receiver receiving sensitivity <-36 dBm (BER<10-11)
Fiber circuit code: NRZ code

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

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), RJ45 (120 Ω)
Interface impedance: 75Ω (non- balanced), 120Ω (balanced)

Power supply
working voltage range wide, good
anti-disturb and Isolation, work stable
option I – DC-48V,range DC-36V~DC-72C
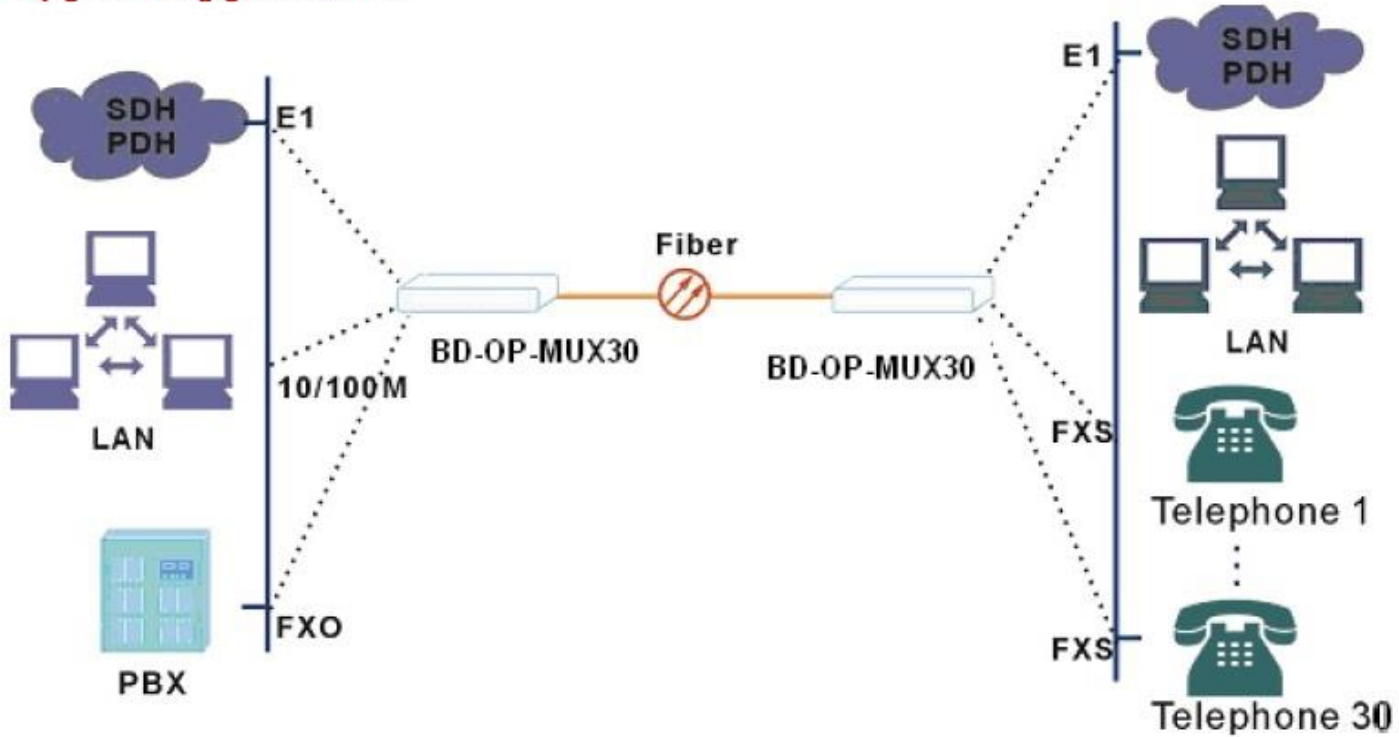option II – AC220V,range AC165V~AC240V
Power Consumption: <=10 Watts

environment condition
Operating temperature: 0C~+50 C
Storage temperature: -20 C~+70 C
Relative temperature:95% (uncondensed)

Dimension(19inch rackmount)

433mm(L)x138mm(W)x44mm(H)

Typical application

The 30voice fiber multiplexer SNMP network management screen:

Ordering information

BD-OP-MUX30	30channel phone/voice over Fiber multiplexer,voice interface support FXS or FXO,SC/FC connector,dual fiber,20km,power AC 220V or DC48V.	
BD-OP-MUX30/4ETH	4*Ethernet+30POTS(FXS/FXO) over Fiber multiplexer,voice interface support FXS or FXO,10/100M ethernet,single mode fibe,SC,20km,power AC220V or DC48V	
BD-OP-MUX30/4ETH/4E1/2RS232	30POTS+4E1+4Ethernet+2RS232 over Fiber multiplexer,voice interface FXS or FXO,E1 port 75ohm(BNC connector) or 120ohm(RJ45 connector),10/100M ethernet,SC,20km,power AC220V or DC48V	