

FM-PCM04/8 FXO (S)



Product function:

The phone fiber multiplexer is a point-to-point optical transmission equipment developed based on design of ultra large scale integrated circuit, succinct realizing 4 10/100M Ethernet data channel or 1 V.35 channel (4ETH or V.35), add 8 voice channels(FXO,FXS,E&M2/4 line), and1 RS232 channel . It is perfect monitoring and alarm, high integration rate, low power consumption, steady performance, convenient use.

RS232 channel can transmit data which asynchronous self-adapt on 300-19200 baud rate, can transmit consol data from remote router. With Console interface, supports terminal control device. It can self-loop return via RS232 channel collocate the console interface of remote equipment .

It is suitable in business for communication operator, government and kinds of entities.

Product character:

- Realizes this end equipment to the far-end equipment long-distance monitoring(two-row indicating lamp, upper row indicates local status, lower row indicates far-end status)
- Support 4 Ethernet interface.
- Based on self-copyright IC
- 4 Ethernet 10M/100M optical, full duplex/half duplex auto-adaptable, support VLAN.
- 4 Ethernet interface support channel isolation, set VLAN base on TAG4
- Provide 3 loop-return functions: local loop, Ethernet self-looping at local end, and

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Ethernet being ordered to self-loop at remote end.

- Realize rate setting of remote equipment when local equipment is in master clock status;
- Has the function of pseudo-random code testing, convenient for opening of the circuit, and can be used as an error code instrument.
- Ethernet support rate of N*64K ,which can be regulated from 64K to 1984K
- V.35 support rate of N*64K, which can be regulated from 64K to 1984K(V.35 or Ethernet)
- V.35 support DTE or DCE contact each other, hot pluggable.
- Has the self-reset function of Ethernet monitoring, equipment will not die.
- With abundant presentation function of Ethernet data, can detect real-time data communication status.
- Provide 1-8 voice interface, support caller ID function and anti-polarity charge function.
- Support each site signal becoming to fit
- Support FXO and FXS, FXO contact with SPC Exchange, FXS contact with telephone
- With Console interface, support super terminal device.
- RS232 channel can transmit data which asynchronous self-adapt on 300-19200 baud rate
- can transmit consol data from remote router.
- Collocate console interface of remote device by RS232 channel.

Technical parameter:

Optical Interface Parameter

- Optical wavelength: 850nm/1310nm for multi-mode optical interface,
 - 1310nm/1550nm for single-mode optical interface
- Optical interface: SC/FC/ST
- Transmit power: -9dBm/-5dBm
- Optical receiver receiving sensitivity <-36 (BER<10):
- Dynamic receiving range: >27dB
- Transmitting range: Multi-mode 2 Km, single-mode 40Km, single-mode 60 Km, single-mode 120Km

*Remark: Any kind interface style you need can be tailored.

Ethernet interface:

- Interface Rate:10/100M self-adaptable
- Protocol: supports IEEE 802.3, IEEE 802.1Q(VLAN)
- Physical interface: RJ45, support Auto-MDIX

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- Duplex: half/full duplex self-adaptable
- MAC address table: can learn 4096 MAC address

FXO/FXS interface RJ45/RJ11 :

Ringing voltage: 75V

Ringing frequency: 25HZ

2 line input impedance: 600Ω (hanging off)

Wastage: 40 db

Ringing voltage: 35V

Ringing frequency: 17HZ-60HZ

2 line input impedance: 600Ω (hanging off)

Ringing detecting voltage: 35V

Wastage: 40 db

V.35 interface (or choose Ethernet interface):

Interface rate: n_i 64Kbps, n=0~31

Interface character: match V.35

Connector: DB25

Interface type: DCE

Clock: G.703 resume clock, internal/external clock.

Asynchronous data(RS232) interface(RJ45):

Interface rate: 300~19.2 kbps self-adaptable

Interface character: match ITU-T V.24

Interface type DCE

FM-PCM04/FXO	Ethernet +4FXO voice over Fiber Multiplexer, SC/FC connector, SM20km, AC220V or DC-48V built-in
FM-PCM04/FXS	Ethernet +4FXS voice over Fiber Multiplexer, SC/FC connector, SM20km, AC220V or DC-48V built-in
FMO-PCM08/FXO	8 channels FXO +1*Ethernet+4*RS232+4*E1 on fiber, FC/SC connector, SM40km, 10/100M adapt, DC48V or AC220V;
FMO-PCM08/FXS	8 channels FXS +1*Ethernet+4*RS232+4*E1 on fiber, FC/SC connector, SM40km, 10/100M adapt, DC48V or AC220V;
FMO-PCM30/FXO	30 channels FXO +Ethernet+RS232+4*E1 on fiber, FC/SC connector, SM20km, 10/100M adapt, DC48V or AC220V;

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Turning Copper into Gold

FMO-PCM30/FXS	30 channels FXS+Ethernet+RS232+4*E1 on fiber, FC/SC connector, SM20km, 10/100M adapt, DC48V or AC220V;
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