



TYPE: Sepitam-8P-T/R

8 Channel Phone on Fiber



Description:

This series fiber mux is an optical transmission equipment realizing long-distance voice transmission through fiber. This equipment uses design of ultra large scale integrated circuit and its outward appearance is succinct. It is suitable in business for communication operator, government and kinds of entities. This series fiber mux can provide 1-8 channels telephone through optical cable, the network application is point-to-point, supporting FXO/FXS. It has solved telephone transmission problem of edge customers . It integrates nearly all the digital logical function of equipment, thus remarkably enhancing product performance and reducing cost.

Features :

- ◆ Low cost solution for delivering analogue POTS lines over long distance.
- ◆ Up to 1-8 FXO ports for connection to PABX or PSTN
- ◆ Up to 1-8 FXS ports for connection of phones or faxes.
- ◆ Without compressed voice signal
- ◆ Provide anti-pole signals
- ◆ With perfect function of status indication to facilitate maintenance and management;
- ◆ Plug and play
- ◆ Redundant power inputs
- ◆ RoHs compliance

Technical Specification:

Product Name	Optical Telephone FXS/FXO multiplexer
Environment	
Operating Temperature	0 to 70 °c (32 to 158F) 5 to 95% RH
Storage Temperature	—40 to 85 °c (40 to 185F) 95% RH
Power Requirement	
DC power	DC-48V (—36V~—72V)
AC power:	AC220V (185~265V)
Power Consumption	<15 Walt
Mechanical Specification	
Dimensions	180 mm(Weight)×180(height)×36 (depth)
Fiber Optic Interface	
Wave-length:	1310nm/1550nm optional
Typical output power	≥-7dBm~ -12dBm (single mode, 1310nm)
Receiving sensitivity	≤-36dBm
Dynamic range	FULL dynamic
Optical connector	FC/SC optional; single/Multi- mode optional; single/bi-fiber optional
FXO(FXS)(RJ45/RJ11)	
Standard	Conforms to 《The Telephone Switch Devices Technology Reference of the Ministry of Posts and Tele Communication》
Line code	PCM, 64Kbps/per line
Foreign Exchange Office	
Alternate Input Impedance	200+680//0.1 Ω
Ring Voltage	35~150V
Ring Frequency	17~60HZ
Return Loss	20 dB
Foreign Exchange Station	
Alternate Input Impedance	200+680//0.1 Ω

Subscriber Line Impedance	low than 1K Ω
Peak to Peak amplitude of Ring Voltage	110~150V
Ring Frequency	22~28HZ
Feeding Voltage	48V
Return Loss	20 dB
Ethernet interface	
Interface	10/100Base-Tx,support auto-negotiation
Interface specification	Compliance with IEEE-802.3u
Connector	RJ 45
RS 232 interface	
Electric features of digital interface:	Aompliant with RS232/V.24 recommendations
Transmission rate	Asynchronous \leq 19200bps

Types:

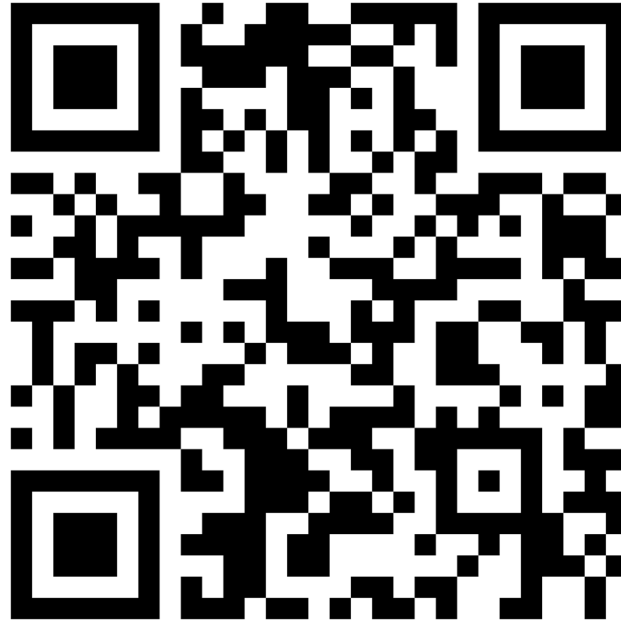
Type	Specification (Interface: FC)	Transmission Distance (KM)
Sepitam-4P-T/R	4-ch Telephone, external power	20 km (Single-mode)
Sepitam-8P-T/R	8-ch Telephone, external power	20 km (Single-mode)
Sepitam-16P-T/R	16-ch Telephone, external power	20 km (Single-mode)
Sepitam-32P-T/R	32-ch Telephone, external power	20 km (Single-mode)



Technical Specification of

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