Spiktel

FIBER MULTIPLEXER

2 Voice (FXS/FXO) POTS fiber multiplexer /converter, with additional Ethernet port

Voice Fiber Mux Series

ST-2205-FA

2 channels of FXS/FXO are connected at same RJ-45 port, so all 8 pins of RJ-45 connector are used, and additional cable of RJ-45 ----> 4 x RJ-11 should be used in case the connections are made directly to phone sets, but if RJ-11 cable are patched to LSA+ or other distribution panels, then it's not necessary.

Overview

This equipment uses design of ultra large scale integrated circuit, and its outward appearance is succinct. The merits include easy installation and debugging, unnecessary for maintenance and steady performance. It is suitable in business for communication operator, government and kinds of entities.

2205-FA fiber mux can provide 2 channels, plain old telephone POTS standard through optical cable, the network application is point-to-point, supporting FXO/FXS. It has solved telephone transmission problem of edge customers. This equipment uses special digital multiple-connected chip whose function is formidable, and it integrates nearly all the digital logical function of equipment, thus remarkably enhancing product performance and reducing cost.

Additional channels of 10/100 Ethernet can be implemented

Features

* Low cost solution for delivering analogue POTS lines over long distance fibers;

* Up to 2 FXO ports for connection to PABX or PSTN;

* Up to 2 FXS ports for connection of phones or faxes;

* Ethernet port for LAN interconnection;

* MTBF more than 10 years

* WDM Bidi fiber interfaces avalaible

* 2 voice channels are connected at same RJ-45, all 4 pins therefore are used

IEEE Complied   ACS REGISTRARS ISO 9001   RoHS   CE

Specifications

FXS	ringing voltage: 75V ringing frequency: 25HZ
FXO	Two line input impedance: 600 Omega (hanging off) wastage: 40 db ringing detecting voltage: 35V
Optical interface parameter:	Optical Interface Parameter optical wavelength: 850nm/1310nm for multi-mode optical interface, 1310nm/1550nm for single-mode optical interface optical interface: SC/FC receiving and dispatching module: >-6dBm optical receiver receiving sensitivity <-36 (BER<10): dynamic receiving range: >-30dB transmitting range: Multi-mode 2 Km, single-mode 40Km, single-mode 60 Km, single-mode 120Km, WDM bidi available vibration characteristic: Comforms G.742 and G.832 standard

Ordering Information

Product	Descriptions
2205-FA	2 channels voice on fiber, SC/FC connector, FP1310nm,single fiber 20km, voice interface supports FXO or FXS, AC110/220V or DC-48V;
2205-FA/ETH	2 channels voice on fiber, SC/FC connector, FP1310nm,single fiber 20km, voice interface supports FXO or FXS, AC110/220V or DC-48V;

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* Specs and Pictures of the product can be revised according to R&D

* Products design in UK.

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