RS485/RS422/RS232 Data To Fiber Converter SMDF

Introduction

Fiber modem implements advanced optic transmission technology to extend signal transmission distance up to 120km on single-core fiber. It can convert data type among RS232, RS422 and RS485 by one circuit or multi-circuit. With features of HV-free，electromagnetic-free and thunder-lightning protection, fiber modem is widely used in industrial control, automatic electricity system, and traffic control etc.

Features

* Comply with EIA RS-232/485/422 standards.
* Industrial-grade design, SMT arts and crafts.
* Self- negotiate without delayed
*Asynchronous transmission, In point-to-point mode, RS422 connector convert with fiber optic.
* Self-detect the rate of serial port, distinguish and control direction of data transmission.
* The largest communication rate:120Kbps
* External power supply 5V DC or 220V AC, dispense with steeling electricity of serial port, high adaptability.
* Single or multimode optional, FC/SC/ST optional.
* Operating Wavelength:1310nm/1550nm (single mode), 1310nm, 1550nm
* Supply 1500W surge protection, 15KV static protection, with thunder and lightning protection.
* Multimode communication reach 2 km, single mode reaches 120 km.
* Power and video status indicators LED can monitor the system operating conditions
* Plug and play, Hot-swap function
* Supports for centralized management 19" 2U 16 rack-mount chassis

Specification

Optic wavelength: 1310/1550nm, 1310nm, 1550nm
Optic interface: FC/SC/ST
Transmission rate: self-adaptive 300pbs～115.2kpbs
Operating mode: fiber to RS-232/422/485 and vice versa.
Power: DC 5V /1A
Operating temperature:0~70℃;
Operating humidity: 0～95%(no-condensing)

Pictures:


Digital Fiber-Optic
Transmission Equipment
Fiber
Link
RX TX
A B A B
PWR