



## RS485/RS422/RS232 Data To Fiber Converter SMSF

### 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

