

Fiber Modem RS485/RS422/RS232



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 standard.
- 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 stealing 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°C;
- Operating humidity: 0~95%(no-condensing)

Order Information

Model	Specification(x=5/4/3,5:RS485, 4:RS422, 3:RS232)
EFM-MxF-2A/B	RS485/422/232, multimode, single fiber, FC, 2km
EFM-SxF-20A/B	RS485/422/232, single mode, single fiber, FC, 20km
EFM-SxF-40A/B	RS485/422/232, single mode, single fiber, FC, 40km
EFM-SxF-60A/B	RS485/422/232, single mode, single fiber, FC, 60km
EFM-MxF-2	RS485/422/232, multimode, dual fiber, FC, 2km
EFM-SxF-20	RS485/422/232, single mode, dual fiber, FC, 20km
EFM-SxF-40	RS485/422/232, single mode, dual fiber, FC, 40km
EFM-SxF-60	RS485/422/232, single mode, dual fiber, FC, 60km
EFM-S54F-20A/B	RS485+RS422, single mode, single fiber, FC, 20km
EFM-S53F-20A/B	RS485+RS232, single mode, single fiber, FC, 20km
EFM-S43F-20A/B	RS422+RS232, single mode, single fiber, FC, 20km
EFM-S543F-20A/B	RS485+RS422+RS232, single mode, single fiber, FC, 20km