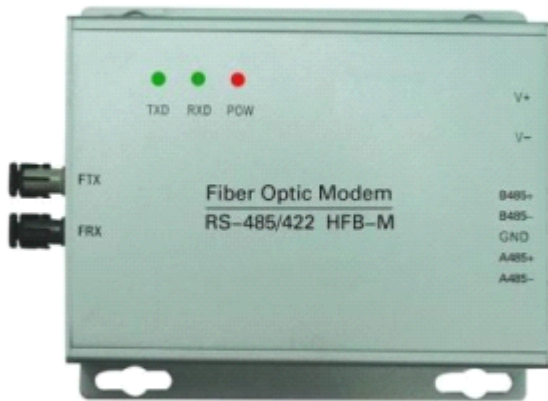


RS—485/422 Fiber Optic Converter



Product Description

The RS—485/422 Fiber Optic Converter data series uses the most advanced digital technologies to provide excellent repeatable performance for today's data systems. It supports transmission of one bi-directional data channel over one multimode or singlemode optical fiber. RS232, RS422 and RS485 (2 wire & 4 wire) standards are fully supported. The plug-and-play design ensures ease of installation with no electrical or optical adjustment needed. LED indicators are provided to show the operational status of the unit clearly.

The series is available in compact wall mount or 2U chassis card.

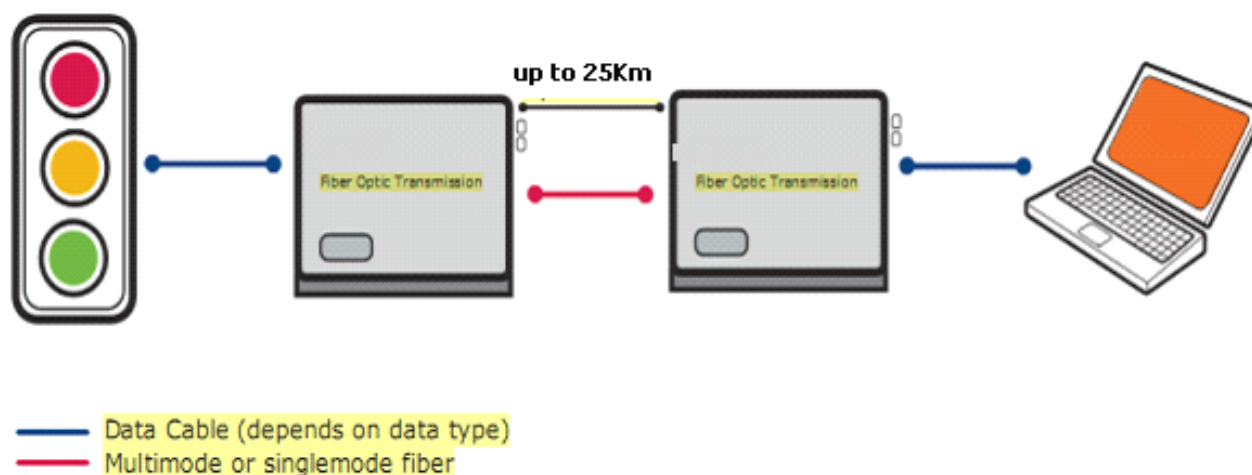
The RS—485/422 Series converter is equipped with a multiple interface circuit that can handle RS—485/422 serial interfaces and multi-mode or single- mode fiber. RS—485/422 converters are used to extend serial transmission distance up to 2 km (multi-mode fiber) or up to 20-100km (single- mode fiber). .Auto Baud Rate DetectionThe RS—485/422 Series incorporates a method for automatically detecting the serial signal baud rate by hardware. This is an extremely convenient feature for the user. Even if a device's baud rate is changed, the signal will still be transmitted through the RS—485/422to fiber converter without any problem.

Product Features

- ◆ Supports RS232, RS422 and RS485
- ◆ Multimode and singlemode solutions
- ◆ Switchable 120Ω termination and biasing
- ◆ LED indicators provide quick diagnosis of all important system parameters
- ◆ Up to 14 units in a 2U chassis

- ◆ Compact and 2U chassis card configuration

Typical System Configuration



Specifications

Data	
Data Formats	RS232, RS422, RS485
RS232 Data Rate	115.2kbps
RS422/485 Data Rate	512kbps
Bit Error Rate	<1 x 10 ⁻¹²
Connectors	
Data	Screw Block Terminal
Fiber	ST, SC or FC (ST fitted as standard)
Environmental	
Operating Temperature	-30C---+70C
Storage Temperature	-40C---+90C
Operating Humidity	0-95%
MTBF	>100,000 Hours
Optical	
Fiber	Multimode or Singlemode
Wavelength	MM: 850nm, SM: 1310nm
Number of fibers	2 or 1(WDM, Bi-Di)
POWER	
Power Input	AC 220V 110v or DC+110V +5V +12V +24V +48V Option
Mechanical	
Dimensions	125(L)×110(W)×36(H)Wall Mount & DIN Rail