

LP-ICFXXXMMT

LanPro Optical fiber to Serial Media Converter Multimode with ST Connector

LPICFXXXMMT_SS_ENB01W

Features:

- LanPro Optical fiber to Serial Media Converter for RS-232/RS-485/RS-422.
- Connector type: ST.
- Fiber Type: Multimode or Singlemode.

Benefits:

- "Point- to-Point" transmission.
- Extends RS-232/422/485 transmission up to:
 - 40 km with singlemode
 - 2 km with multimode.
- Decreases signal interference.
- Protects against electrical interference and chemical corrosion. Fiber do not get affected by sun, electrical or magnetic field, sparks, lighting, induction, radiation, etc.
- Can be installed wall mount or desktop.



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LanPro Optical fiber to Serial Media Converter
Multimode with ST Connector**

LanPro Optical fiber to Serial Media Converter supports the mutual conversion of asynchronous RS-232, RS-422, RS-485 corresponding interface and Fiber. It is the best choice for controller connecting Remote Terminal Unit (RTU) to Host or Supervisory Control and Data Acquisition (SCADA).

LanPro Optical fiber to Serial Media Converter supports the Asynchronous Serial Communication Protocol among RS-232.RS-422.RS-485, simultaneously it can be worked with two multi RS-232, RS-422 or RS-485 interface, which supports the working model of 2 wires (half duplex) and 4wires (full duplex) RS-485.

LanPro Optical fiber to Serial Media Converter with RS-485 supports the control of transmission of data (TXD or SD), hence which enhances the performance of various software, simplifies the way of control. LanPro Optical fiber to Serial Media Converter supports the connecting way of multi fiber with asynchronous serial interface; it supports two asynchronous serial interface through fiber to work with full duplex or half duplex.

The maximum transmission speed of RS-232 signal is 115.2 Kbps. The maximum transmission speed of RS-422/RS-485 is 460 Kbps. The different electrical interfaces can be used mutually together, for example, the RS-232 device can connect RS-422/RS-485 device. LanPro Optical fiber to Serial Media Converter can substitute the converter of RS-232/RS-485 interface or photoelectric isolator, providing the favorable performance of EMI/RFT.

A Performance Parameters

TYPE	INTRODUCTION OF PERFORMANCE
Electrical interface	DB 10 hole type (RS-232/RS-422/RS-485) pin connector with wire
Electrical standard	RS-232, RS-485 or RS-422 (optional)
Transmission speed	RS232, RS485 115200 bps
External power	Switch power :DC 5V @ 100mA
Working model	Asynchronous communication, half duplex / full duplex, primary / secondary model
Transmission distance	RS232 cable: 30m RS485, RS422 cable: 1km
Size	97*91*26mm
Body packing	Metal, wallmount, card type, rackmount
Fiber interface	ST or SC (optional)
Transmission medium	Multimode or singlemode (Duplex fibers or Simplex fibers)
Wavelength	850nm multimode / 1310nm singlemode
Fiber interface	Multimode (50/125um, 62.5/125um) Singlemode (9/125um)
Power loss	Multimode fiber: 12dBm / Singlemode: 20dBm
Transmission distance	Multimode: 2km / Singlemode: 20km, 40km, 60km
Indicator	Three LED Indicator - P (power),FL(Date)
Working environment	Storage temperature: -40~+70°C Relative humidity: 5%~90% (non condensation)
Working temperature	Industrial rank: (-40~+85°C)

B Connector Signal

RS-232	T+ : 6PIN T- : 7PIN
RS-485	T+ : 1PIN T- : 2PIN
RS-422	T+ : 4PIN T- : 5PIN

C Panel Indicators lights

INDICATOR	
PWR	The bright light means power supply
FL	The light flicker means the state of data being transmitted

D How to order

LP-ICF232MMT	LanPro Optical fiber to Serial Media Converter, Multimode, RS-232 with ST Connector
LP-ICF422MMT	LanPro Optical fiber to Serial Media Converter, Multimode, RS-422 with ST Connector
LP-ICF485MMT	LanPro Optical fiber to Serial Media Converter Multimode, RS-485 with ST Connector