

Product Overview

The TTCV-FBRS-485 provides a fiber converter solution to extend RS-485 transmission distance up to 4Km over multimode fiber or up to 120Km over single mode fiber. It is designed for point to point connection between RS232/422/485 networks or devices. It is equipped with multiple interface circuits, for connection to RS-232, RS-422, or RS-422/485 (2 or 4-wire).

The TTCV-FBRS-485 secures data transmissions over EMI resistant fiber at speed up to 256kbps for RS-232, or up to 1024kbps for RS-422/485.

Features

- Selectable data I/F for RS-232/423/485/TTL.
- Selectable for two or four wire RS-485/422.
- Speeds up to 256kbps for RS-232 and RS-423.
- Speeds up to 102kbps for RS-485/422.
- Extend Transmission distance up to 120Km.
- Spplly +5V (60mA) output for external device.

Specification

Optical	
Wavelength	1310/850nm
Optical Mode	Single/Multimode
Operating Distance	up to 4Km on multi mode up to 120km in single mode
Optical Budget	14dB
Transmitter Power	-15dBm
Receiver Sensitivity	-29dBm
Data Signal	
Data Formats:	RS-485/422 2-Wire RS-485/422 4-Wire RS-232+RTS/CTS 5-Wire RS-232S 3-Wire RS-423+RTS/CTS 5-Wire RS-423 3-Wire
Baud Rate:	RS-485 1024kbps RS-232 120kbps RS-423 120kbps TTL 1024kbps
Operating Data bit rate	Up to 19.2kbps

Electrical	
Input Voltage	12-18VDC
Current Requirement	300mA
Power Consumption	5 Watts
Mechanical	
Length	138mm
Width	86mm
Height	20mm
Weight	660g
Physical Characteristics	
Interface	FC,LC, SC,ST
Data	6-Position detachable
Operating Temperature	0 ~ 70 degree celsius
Indicators	Yes-Power, Tx,Rx.
Length	138mm
Width	86mm
Height	20mm
Weight	660g
Optional Accessories	
* Fiber patch cord for connection between user side and converter.	