

STF-300C Series

RS-232/422/485 To Fiber Converter

Features

- ▶ Extend serial transmission from 2 km over fiber
- ▶ Selectable data I/F for RS-232/422/423/485/TTL
- ▶ Selectable for two or four wire RS-422/485
- ▶ Plug-in screw terminal block for easy RS-422/485 wiring
- ▶ Plug-n-play & compact size
- ▶ 5-Year Warranty



INTRODUCTION

Antaira Technologies' STF-300C Series: The STF-300C will extend RS-485 transmission distance up to 2Km over multimode fiber or up to 30Km over single mode fiber. The converter is equipped with user-configurable interface circuits, for connection to RS-232, or RS-485 (2 or 4-wire). The STF-300C secures data transmissions at speeds up to 256kbps for RS-232, or up to 1024kbps for RS-485.

SPECIFICATIONS

Technology		Power Requirement	
Standards	EIA / TIA RS-232 / 422 / 423 / 485	Input Voltage	External AC Adapter 12 VDC@1A
LEDs		Power Consumption	< 5 Watts
PWR	Power LED	Environmental Limits	
Data	Data Flow indicator	Operating Temperature	0° C to 50° C (32° F to 122° F)
Test	Test LED	Storage Temperature	0° C to 70° C (32° F to 158° F)
Fiber Link	Fiber Link LED	Ambient Relative Humidity	5% to 90%, (non-condensing)
Mechanical Characteristics		Regulatory Approvals	
Dimensions	85.6 x 20.0 x 122.6 mm (3.37 x 0.79 x 4.83 inches)	Certifications	FCC, CE
Weight	Shipping: 0.3 Kg	Warranty	5 Years
MTBF	57,907 Hrs		

ORDERING INFO

STF-300C-CM02	RS-232/422/485 To Fiber Converter, Multi-Mode 2KM, SC Connector
STF-300C-TM02	RS-232/422/485 To Fiber Converter, Multi-Mode 2KM, ST Connector
STF-300C-CS30	RS-232/422/485 To Fiber Converter, Single Mode 30KM, SC Connector
STF-300C-CS50	RS-232/422/485 To Fiber Converter, Single Mode 50KM, SC Connector
STF-300C-CS80	RS-232/422/485 To Fiber Converter, Single Mode 80KM, SC Connector
STF-300C-WA-M	RS-232/422/485 To Fiber Converter, WDM-A Tx:1310nmFP/Rx:1550nm MMF 2km, SC Connector
STF-300C-WB-M	RS-232/422/485 To Fiber Converter, WDM-B Tx:1550nm/Rx:1310nm MMF 2km, SC Connector
STF-300C-WA20	RS-232/422/485 To Fiber Converter, WDM-A 20KM, TX1310nm - RX1550nm, SC Connector
STF-300C-WB20	RS-232/422/485 To Fiber Converter, WDM-B 20KM, TX1550nm - RX1310nm, SC Connector