

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

## ORDERING INFO

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