antaira

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	
Standards	EIA / TIA RS-232 / 422 / 423 / 485
LEDs	
PWR	Power LED
Data	Data Flow indicator
Test	Test LED
Fiber Link	Fiber Link LED
Mechanical Characteristics	
Dimensions	85.6 x 20.0 x 122.6 mm (3.37 x 0.79 x 4.83 inches)
Weight	Shipping: 0.3 Kg
MTBF	57,907 Hrs

Power Requirement	
Input Voltage	External AC Adapter 12 VDC@1A
Power Consumption	< 5 Watts
Environmental Limits	
Operating Temperature	0° C to 50° C (32° F to 122° F)
Storage Temperature	0° C to 70° C (32° F to 158° F)
Ambient Relative Humidity	5% to 90%, (non-condensing)
Regulatory Approvals	
Certifications	FCC, CE
Warranty	5 Years

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

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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