

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

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|-----------------------------------|--|----------------------------------|---------------------------------|
| 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

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|----------------------|--|
| 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

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