# RS485 optical converter module



## Overview

The unit extends the maximum distance of any RS232/RS485/RS422 signal up 12. 4 miles (20 kilometers) using single mode fiber optic cable. This converter operates from 300 to 128K baud. 90. This manual describes the optical fiber converter for the conversion of optical and electrial signals for SIPROTEC devices and includes information about device properties, connection options as well as information about the device configuration. In order to protect technical infrastructures. FO converter with integrated optical diagnostics, alarm contact, for RS-485 2-wire bus systems (SUCONET K, Modbus. ) up to 500 kbps, NRZ coding, T-coupler with two FO interfaces (BFOC), 850 nm, for PCF/fiberglass cable (multimode) Prices and availability are not currently available. Please click on the link in this email to verify your address. Our rugged, industrial-grade, point-to-point RS232 / RS485 / RS422 serial to fiber optic converters work in pairs to extend serial signals (RS232, RS485, RS422, and TTL) over long distance. These devices are independent from the serial protocol and they are adapted for Modbus, Modbus+ and IEC131.

*© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved*

## Article Content

7XV5650.pdf

This manual describes the optical fiber converter for the conversion of optical and electrial signals for SIPROTEC devices and includes information about device properties, connection options as well as

PSI-MOS-RS485W2/FO 850 T

FO converters convert the electrical data signal into an optical one by protocol transparent means. The integrated optical diagnostics allow permanent monitoring of the FO paths during installation and

Serial-to-Fiber Converters | Moxa

Moxa''s industrial-grade serial-to-fiber optic converters can convert RS-232/422/485 to optical fiber, which provides users with an easy and reliable way to

RS232 / RS485 / RS422 to Fiber Optic Converters

Our rugged, industrial-grade, point-to-point RS232 / RS485 / RS422 serial to fiber optic converters work in pairs to extend serial signals (RS232, RS485, RS422, and TTL) over long distance.

Gateway / Multi-drop Fibres Optic Converter

These Optic Fiber devices are designed to extend the RS485 or/and RS232 using the optic fibers. These devices are independent from the serial protocol and they

RS-485 to Fiber Optic Converter

RS-485 Multi-Drop Bus Fiber Optic converter The RS-485/422 Multi-Drop Bus Fiber Optic Modem series products provide an optical bus network for RS-232, RS-422 or RS-485 data interfaces over a pair of

RS485 fiber converter

Product introduction IDM-3152 series is RS-485 serial port to optical fiber converter, which has the ability to transform RS-485 serial port and optical fiber (multimode or single mode) signals. The IDM-3152

Isolated RS-485 transceivers | TI

Learn how integrated isolated RS-422 and RS-485 transceivers deliver reliable communication while reducing significant board space compared to traditional optocoupler-based solutions. Explore

USB TO RS485

*© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved*

USB to RS485 supports Modbus and is a common Modbus communication method. Modbus is a communication protocol mainly used for communication between devices in the field of industrial

1 Channel Video + 1-CH RS485 Optical Converter 16 Slot card

HJ Mini Digital Video Optical optical module and core circuit using components, high stability, all the optical and electrical interfaces are in line with international standards, installation, adjustment-free,

1 Pair 2 Channel Video + 1-CH RS485 Digital Optical Converter

HJ Mini Digital Video Optical optical module and core circuit using components, high stability, all the optical and electrical interfaces are in line with international standards, installation, adjustment-free,

Industrial Serial to Fiber Converter RS232 RS485 RS422 Optic ...

ZP-SFP Series is an industrial-RS232/RS485/RS422 to fiber optic converter which extends the signal up to2Km on multimode fiber and80Km on single mode fiber (transmission distance depends on the

ESP8266EX 2.4GHz wireless module 20dBm 100mW UART WiFi module

Shop ESP8266EX 2.4GHz wireless module 20dBm 100mW UART WiFi module SMD 802.11 b/g/n IPX Ceramic Antenna E103-W01-IPX CDEBYTE from merchant CDEBYTE IoT Module Store online!

Utek/Ut-880-I Industrial-Grade Active USB to 232 Optical Isolation ...

welcome to taobao purchase utek/ut-880-i industrial usb to optical isolation interface interface converter rs232 to usb communication conversion conversion rs232 to usb communication console, taobao

RS232 / RS485 / RS422 to Fiber Optic Converters

Rugged industrial-grade RS232 / RS485 / RS422 to fiber optic converter. Transmits serial data (RS232, RS485 or RS422) over long distances through fiber links (multi-mode: 3 miles or 5 km). Standards

TCF-142-M-SC Optical Fiber Media Converter TCF142MSC

Can Bus, Ethernet, Profibus, CC-Link, I/O Link, Rs485, Devicenet, Modbus, Wireless Communication, Ethercat, ModubusCommunication Interface Dedicated Controller, PAC, PLCType

RS-485/Modbus Fiber Optic Converter

The RS-485 Fiber Optic Converter data series uses the most advanced digital technologies to provide excellent repeatable performance for today''s data

*© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved*

Serial to Fiber Media Converters | Perle

PSI-MOS Serial to Fiber Converters transparently connect RS232, RS422 and RS485 devices to fiber optic cable. By transmitting data over optical fiber, these

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

## Contact Us

Continue your research online:

Website: https://dolphinspreschool.co.za
Technical inquiry: https://dolphinspreschool.co.za/project-desk.html
African project coordination: Waterfall City, Midrand, Gauteng, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved