

# 485 to multimode dual-fiber optical fiber



## Overview

This unit features bi-directional serial conversion from 2 wire RS485 to a pair of ST 62. Capable of extending the range of a RS485 communications link to 1Km minimum, typically 1mile. 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 communicate with their serial devices. Please click on the link in this email to verify your address. 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. These systems support various field bus protocols, including MODBUS, MODNET-1/SFB, BIT-BUS, SAIA-S-BUS. The iConverter RS422/485 is a managed serial RS-422 and RS-485 to fiber converter that transmits serial protocol over fiber media.



## Article Content

Jul 28, 2025

RS-485 to Multimode Fiber Optic Converter

Multimode Fiber Optic Converter RS-485 Isolates and converts between optical and RS-485 signals ( fibre to serial) | Boston Technology

Sep 17, 2025

Fiber Optic Cables Adapters Couplers Connectors Bulk Cable

Available in several options, including single-mode fiber, multimode fiber, duplex fiber, simplex or duplex single-mode fiber cables, our fiber optic cable assemblies utilize the most widely used connectors

Aug 03, 2025

RS-232 and/or RS-485/RS-422 Multi-mode and

Product description The AFIB1-SERIAL provides a fiber converter solution to extend RS-232 or RS-485/422 transmission distance up to 2km over multimode fiber or

Apr 21, 2026

Industrial RS232 / RS422 / RS485 to Multimode Fiber

Applications DESCRIPTION The SER-FIBER-MM-ST or SER-FIBER-MM-SC is an industrial grade bi-directional externally powered multi-functional

Jun 27, 2025

RS485 to fiber optic converters, DL485 and DL485-4W

The DL485 and DL485-4W systems support both multimode and singlemode fiber optic configurations, ensuring adaptability to different communication

Aug 01, 2025

2 Ports 10/100Mbps RJ45 PoE+1xSC Port Dual fiber Single-mode 20km

Unmanaged industrial PoE fiber switch with 2\*10/100M PoE ports and 1\*155M SC port, Port 1 -2 can support PoE IEEE802.3af/at. By default, the SC port 1310nm/20km single-mode dual-fiber module.

Dec 28, 2025

Industrial RS232 / RS422 / RS485 to Multimode Fiber

The unit extends the maximum distance of any RS232/RS485/RS422 signal up 1.2 miles (2.0 kilometers) using multimode fiber optic cable. The unit is enclosed in a

Apr 09, 2026

MOXA TCF-142-M-SC-RM RS-232/422/485 to Multi-Mode SC Fiber Optic ...

Embedded open-frame serial-to-fiber converter with 1-port SC multi-mode fiber interface, supporting RS-232/422/485 communication, wide operating temperature and compact dimensions.

Aug 03, 2025

Industrial Multi-Mode Serial Link Media Converter

Overview DY-5878M fiber multi-mode fiber converter: The main function of the DYMEC Serial Link is the photoelectric conversion of RS-232/RS-485/RS-422

Dec 13, 2025

Media Converter | Fiber Media Converters

How to use Ethernet Fiber to Fiber Media Converters Fiber-to-fiber media converters are compact devices that provide seamless integration of different fiber types by converting multimode fiber to

Feb 05, 2026

RS-485/Modbus Fiber Optic Converter

It supports transmission of one bi-directional data channel over one

Feb 17, 2026

RS485 4-wire to multimode converter, DL485-4W | EKS

The DL485-4W is a RS485 4-wire to multimode fiber optic converter for point-to-point connections. For adapter you can make the choice between ST, SC or SC-BIDI.

Aug 14, 2025

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

Jun 21, 2026

Set Up a Fiber-Optic Network in Your Home or Office

Learn about the various fiber-optic components used for running fiber in your house, office, or between buildings. Find out how to use fiber optics for

Apr 08, 2026

Fiber Optic Cables | Fiber Patch Cables | Patch Cords,

Fiber Patch Cables, Multimode & Singlemode Duplex Fiber Optic Cables, Secure Order  
Fiber Patch Cords, Preferred Mil. Edu. Gov. Pricing, Same Day Shipping

Jul 04, 2025

RS232 / RS485 / RS422 / Serial to Multi-Drop Fiber Optic Converters

Our advanced, rugged, industrial-grade, RS232 / RS485 / RS422 serial to multi-drop  
fiber optic converters are designed to cover large areas.

Nov 24, 2025

Managed Serial RS422/RS485 to Fiber Media Converter | Omnitron

The RS422/485 media converters operate in pairs, extending serial distances over  
fiber up to 120km. The RS422/485 is available with a single-mode dual fiber,  
multimode dual fiber or single-mode single

Dec 28, 2025

RS485 / RS422 / RS232 To Single Mode Fiber Optic

DESCRIPTION The 20km SER-FIBER-SM-ST OR SER-FIBER-SM-SC is a industrial grade  
bi-directional externally powered multi-functional RS232/RS485/RS422 to

Jul 27, 2025

F485CT: Fiber-Optic <=> RS485 Converter

RS485 network for you!" This unit features bi-directional serial conversion from 2 wire  
RS485 to a pair of ST 62.5 micron multimode ports. Capable of extending the

May 22, 2026

Moxa TCF-142-M-ST-RM RS-232/422/485 to Fiber Optic ...

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 communicate  
with their serial devices.

Dec 09, 2025

PSI-MOS-RS485W2/FO 850 T

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),

Sep 05, 2025

50 Meter Multimode Duplex Fiber Optic Cable (50/125)

Our Fiber Optic Cables are engineered for universal compatibility with a wide range of networking devices. Perfectly suited for SFP/SFP+ transceivers, media converters, routers, switches, and patch

Nov 20, 2025

10/100M 3-port single-mode dual fiber media converter

Single-mode dual fiber media converter with 2\*10/100M RJ45 ports and 1\*155M SC fiber port. 1310nm/ 0-20km. Total power is 4W. External power supply.

Sep 18, 2025

3 FAQs of Connecting Switches by Fiber Optical Ports

What are the main requirements of connecting switches by fiber optical ports? Under normal circumstances, two switches are required to meet the

Apr 26, 2026

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

Dec 27, 2025

Serial to Fiber Converter

Trader - Retailer of Serial to Fiber Converter - RS-232/485/422 Serial-To-Fiber Modem-Model277, RS232/485/422 to Fiber Converter- Ring Type Support,

Mar 13, 2026

Good Quality SFP Module - 155M Single Mode 20Km DDM | Dual Fiber

Magandang Kalidad ng SFP Module - 155M Single Mode 20Km DDM | Dual Fiber SFP Transceiver JHA3220D - Detalye ng JHA:

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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