

Multi-channel 485 to single-mode fiber optic cable



Overview

The DL485 is a RS485 2-wire to singlemode fiber optic converter for point-to-point connections. For adapter you can make the choice between ST, SC or SC-BIDI. BIDI technology means that you need only one fiber for transmitting and receiving of the data. Fiber transmission extends a serial signal up to 120km. The serial port interface uses single. The RS-485 Fiber Optic Converter data series uses the most advanced digital technologies to provide excellent repeatable performance for today's data systems. RS-232/422/485 to single-mode optical fiber media converter with fiber ring support and SC connector, 0. 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 Single Mode Fiber Optic Converter which converts either full-duplex RS232, half-duplex RS-485 or full-duplex RS422 to a single mode SC or ST connector type fiber. PSI-MOS Serial to Fiber Converters transparently connect RS232, RS422 and RS485 devices to fiber optic cable. Electromagnetic interference (EMI) is a common.



Article Content

RS485 2-wire to singlemode converter, DL485

The DL485 is a RS485 2-wire to singlemode fiber optic converter for point-to-point connections. For adapter you can make the choice between ST, SC or SC-BIDI.

AJA 2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver FiDO-2R-MM

The FiDO-2R-MM by AJA offers unmatched flexibility and cost efficiency for 3G-SDI Fiber conversion, allowing for cable runs up to 700 m (2296 ft) for OM4 and 300 m (984 ft) for OM3 for Multi-Mode fiber

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.

Fiber optic cable Market Size, Share & Trends, 2034

The Single-mode fiber (SMF) segment led the fiber mode by capturing a substantial share of the global market in 2025. The growth of the

Fiber Optic Cable And Split Fiber Box Market Size to Hit USD 13.5 ...

The global Fiber Optic Cable And Split Fiber Box Market size is expected to hit around USD 13.5 billion by 2035 from USD 7.8 billion in 2025, growing at a CAGR of 6.0% during the

RS-485 to Singlemode Fiber Optic Converter | rdc485SFO

Our RS-485 to Singlemode Fiber Optic Converter (rdc485SFO) robustly connects your panel mounted RS-485 devices to fiber optic cables up to 20km long, providing the ultimate in isolation, surge, and

Opti-Core Fiber Optic Patch Cords and Pigtails

Pre-terminated fiber optic pigtails support fusion splice field termination applications. Fiber optic patch cords and pigtails are available in OM4, OM3, OM2, OM1, or OS1/ OS2 fiber types to meet the

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic training and more.

WuT data sheet: Universal FO Interface RS232/RS422/RS485

Transmit serial data over very long distances The model 81215 Interface features a selectable RS232, RS422 or RS485 interface which the Converter changes into a universal optical port for single-mode

Startech 10m (32.8ft) LC to LC (UPC) OS2 Single Mode Simplex Fiber ...

OS2 LC to LC Single Mode Simplex Fiber Optic Patch cable facilitates connectivity across 40G/100G networks. It supports Coarse Wavelength Division Multiplexing (CWDM) across an extended

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

Datasheet Archive: FIBER OPTIC CABLE TWELVE-WIRE

View results and find fiber optic cable twelve-wire sequence datasheets and circuit and application notes in pdf format.

Serial to Fiber Converter, RS485 and RS232 over Fiber

Thor Fiber Multi-Serial (RS-232 / RS-485) + 2 x RJ45 Fiber Optic Converters that transmit a serial protocol over fiber with 2 ports for Ethernet transport. These units support single-mode and come

Question about fiber optic cables and the number of cores

While looking for suitable single mode fiber optic cables for my project, I came across fiber optic cables with 4-cores/8-cores/12-cores. example example2 They seem to have multiple fiber optic cables

Top 5 Fiber Optic Cable Manufacturers in the United States (

This 2025 updated guide focuses on manufacturers with established fiber optic cable product lines and meaningful presence in the United States. You'll get a practical comparison, then a

Multidyne VERSA/BRIX V4-3811-2LX0-A-ST 2 Ch 3G-SDI Video Portable Fiber ...

In just 1RU, you can transport up to 18x SDI signals up to 3Gbps without compression over one single-mode fiber. The VB-3811 features LED's to indicate signal presence and optical link status. When

RS232/485/422 to fiber optic transceiver

RS232/485/422 to fiber optic transceiver Negotiable Update on 09/29 Model Nature of the Manufacturer Producers Product Category Place of Origin Online Consult

The 23 Best Fiber Optic Cables of 2026

We recommends Top-Rated Fiber Optic Cables Deals You Can Buy Online for July 2026 on Amazon, As Tested by CherryPicks Editors and analyzed 511,554 customer reviews to

TCF-142-S-SC

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

Fiber Optic Connector Types: Full Comparison

Fiber Optic Connector Types: Full Comparison & Selection Guide LC, SC, FC, ST, MPO/MTP compared: ferrule sizes, polishing types, insertion loss,

RS485 / RS422 / RS232 To Single Mode Fiber Optic

The unit extends the maximum distance of any RS232/RS485/RS422 signal up

Serial-to-Fiber Converters

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

Contact Us

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