

Serial to Fiber Optic Single-Mode Converter



Overview

Industrial Single-Mode, 1310nm, 20Km, ST Fiber Connectors. Supports RS-232 / RS-422 / RS-485. Plug & Play – No Dip Switches to set. Power: 110 ~ 370 Volts. RS232 / RS485 / RS422 to Single Mode Fiber Optic Converter 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. 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. Note: When using a power meter to measure the fiber TX power, set the baudrate to 9,600 bps and send. 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. FOSTCDRI-Sx extends serial data ranges up to 15 km (9. 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. The serial port interface is a terminal block connector field wiring. TCF-142 converters are used to extend serial transmission up to 5 km (TCF-142-M with multi-mode fiber) or up to 40 km (TCF-142-S.

Article Content

Industrial Interface Converter Market Report 2026-2032: Media ...

Unlike standard commercial converters (e.g., USB-to-serial), industrial interface converters address critical infrastructure pain points: (1) extending communication distances beyond copper limits

Model No: MT-IMC101-G-S-SC-20KM 1-port 10/100/1000Mbps To

Optical Serial Media Converter (MT-277-M-SC-2KM), Port Type: RJ45 to SC Bengaluru, Karnataka ₹ 9,000/Piece Get Best Price D-Link DFE-855MI Media Converter Bengaluru, Karnataka ₹ 1,965/Piece

Computer, PLC — NPE as a serial port converter — Catalog a2s.pl

Converters Converters CAN Converters Converters Programmable Serial Ports
Converters Converters Programmable Serial Ports + Ethernet Converters Converters
USB Converters PLC control units

SEL-2829 Single-Mode Fiber-Optic Transceiver/Modem

Single-Mode Fiber-Optic Transceiver/Modem Improve safety, signal integrity, and reliability by using two optical fibers instead of wire to transfer bidirectional serial data using single-mode optical fiber. Apply

What Is Fiber Optics? Definition from SearchNetworking

Learn how fiber optics works and why fiber is a common alternative to copper cabling. Also explore the advantages and disadvantages of optical fiber.

Serial to Single-mode Fiber Optic Converters

This allows one serial device to communicate with up to 31 others around a fiber optic ring. Since it supports mixed serial standards, it can replace other converters and isolators and add the EMI/RFI

Moxa ICF-1150I-S-ST-T Industrial RS-232/422/485 to

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

Advantech BB-FOSTCDRI-SC Signal Converter, Industrial ...

Model FOSTCDRI-SC is designed with functionality required for heavier industrial environments. This industrial-grade isolated converter changes RS-232, RS-422, or RS-485 to single-mode fiber

RS232/422/485 to duplex fiber SC Media Converter, 30km reach over

The L-com FOACCVSC030 is a RS232/422/485 to duplex SC connector fiber media supporting a 30km reach over single mode fiber, operating at 1310nm. The FOACCVSC030 features 12/24/48VDC

Fiber Optic Converters: A Beginner's Guide

Fiber Optic Converters (also known as Media Converters) are devices that convert the electrical signal used in copper wiring such as Ethernet or Serial Data into

Industrial Single-Mode Serial Link Media Converter

DY-5877S fiber single mode fiber converter: The main function of the DYMEC Serial Link is the photoelectric conversion of RS-232/RS-485/RS-422 signals. This

RS-232 to Fiber Optical (Singel Mode) Converter | EX

It provides the most versatile connection possible between any asynchronous RS-232 equipments using fiber optic cable. The optical fiber isolates the data

ESP8266EX 2.4GHz wireless module 20dBm 100mW UART WiFi

US \$ 0.99 US \$ 1.04 -4% (5.0) HOT Industrial Serial Rs232 Rs485 Rs422 to Fiber Converter Bidirectional High Speed Optic Modem Sc Single Mode 20km 1310nm US \$ 97.58 (5.0) HOT 12

Media Converters

Media Converters This email address is associated with more than one company. Please select the company you'd like to login to to continue:

Intelligent IoT Solutions

IoT building blocks & gateways, cloud-based device management, automated downtime managers: Lantronix IoT products and services help you connect smart!

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.

MOXA TCF-142-S-ST-RM Serial to Fiber Converter

Overview of MOXA TCF-142-S-ST-RM ConverterThe TCF-142 media converters are equipped with a multiple interface circuit that can handle RS-232 or RS-422/485 serial interfaces and multimode or

MODEL277 Series: Versatile Serial-to-Fiber Modem for Industrial Data ...

The MODEL277 from 3onedata is a series of industrial serial-to-fiber optic converters that transfer RS-232/RS-422/RS-485 signals to optical fiber ports to enhance transmission distance.

HMS Networks

HMS creates products that enable industrial equipment to communicate and share information with software and systems. In short: Hardware Meets Software™.

Single-mode optical fiber

In fiber-optic communication, a single-mode optical fiber, also known as fundamental- or mono-mode, is an optical fiber designed to carry only a

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

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

Moxa TCF-142-S-SC: RS-232/422/485 to Fiber Optic Converter. SC

TCF-142 converters are used to extend serial transmission up to 5 km (TCF-142-M with multi-mode fiber) or up to 40 km (TCF-142-S with single-mode fiber). The TCF-142 converters can be configured

Media converters

Fiber optic converter with SC duplex connection (1310 nm) for 100Base-TX to singlemode fiber optics, DIN rail mountable, extended temperature range,

Multi-Mode to Single-Mode Conversion: How to Bridge

Convert fiber between multimode and single mode using smart methods for better speed, longer distance, and reliable network performance.

Media Converters

RS-232 | RS-422 | RS-485 Single Media Converter Serial to Fiber ICF ST Available on back order

Contact Us

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