

Serial RS232/RS422/RS485 to Fiber Optic Modem

Industrial Serial to Fiber Media Converter



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Model: LNK-277 Series

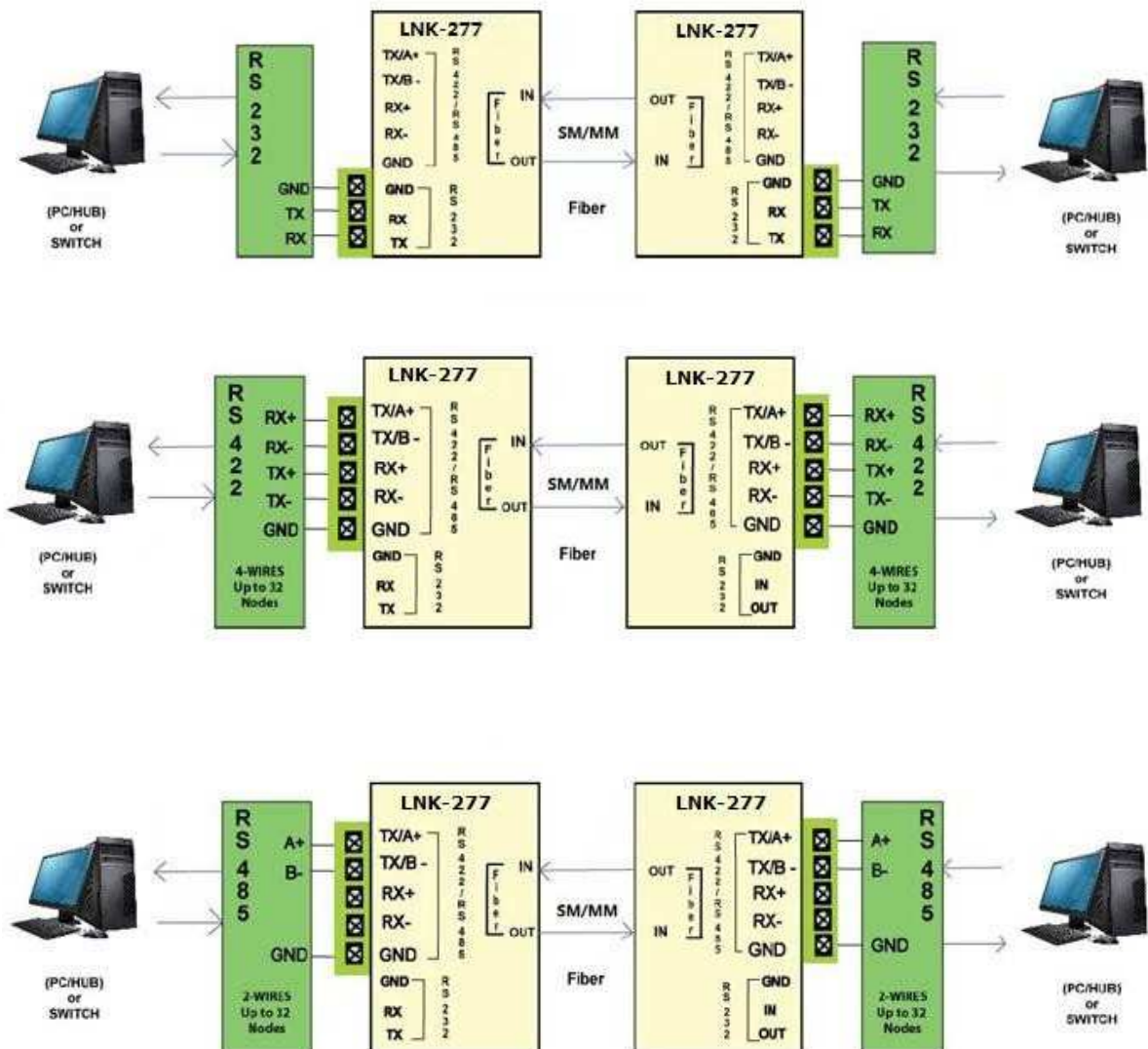
Overview

LNK-277 Series is an industrial grade RS-232 / RS-422 / RS-485 to fiber optic converter which converts a standard RS-232 / RS-422 / RS-485 transceiver to a fiber optic link as to extend the serial signal up to 2Km on multimode fiber and 80Km on single mode fiber. This unit is enclosed in an industrial wall mount compact size rugged steel case.

Features

- Plug-and-play, hot pluggable
- Extends RS-232 / RS-422 / RS-485 transmission up to 2Km on MMF, 80Km on SMF
- Industrial Wall Mount Compact size rugged case
- Protects against electrical interference and chemical corrosion
- Built-in surge and static protection
- Diagnostic and unit indicator LEDs
- Wide temperature range

Application



Technical Indexes

Standard	EIA /TIA RS232, RS-422, RS-485
Fiber Connector	SC standard, ST/FC optional
Fiber Distance	50/125um MMF: 2Km, 62.5/125um MMF: 5Km, 9/125 SMF:20/40/60/80Km
Serial Connector	RS-232, RS-422, RS-485: phoenix terminal
Serial Distance	RS232: 15 meters, RS-422, RS-485: 1500 meters
Rate	0-120Kbps
Baud Rate	300 Baud to 115,200 Baud
RS-232	IN, OUT, GND
RS-485	D+, D-, GND
RS-422	R+, R-, T+, T-, GND
Power Supply	110V ~ 240VAC to 5VDC with external power adapter
Power rate	5-40V, 2W
Static protection	15KV electric static discharge (ESD) protection
Surge protection	1500W/sec surge protection
Operation Temperature	-25°C to +70°C
Storage Temperature	-40°C to +85°C
Storage Humidity	5%~90% non-condescending
Dimensions	110(L)*104(W)*28(H) mm
Weight	0.3kg/pcs

Ordering Information

Model	Description
LNK-277M	RS232/RS422/RS485 serial to fiber converter, Phoenix terminal, Multimode, Dual Fiber , 2Km, SC
LNK-277S-20	RS232/RS422/RS485 serial to fiber converter, Phoenix terminal, Single Mode, Dual Fiber , 20Km, SC
LNK-S277-20A ZN Kodas 580620	RS232/RS422/RS485 serial ports to fiber converter, Phoenix terminal, Single Mode, Single Fiber, TX: 1310nm, RX: 1550nm, SC , standalone, external power adaptor
LNK-S277-20B ZN Kodas 580621	RS232/RS422/RS485 serial ports to fiber converter, Phoenix terminal, Single Mode, Single Fiber, TX: 1550m, RX: 1310nm, SC , standalone, external power adaptor

The LNK-S277-20A and LNK-S277-20B SERIAL provides a fiber converter solution to extend RS-232 or RS-485/422 transmission distance up to 20km over a single strand of single mode 9/125um fiber. You must pair the A model using Tx:13100/Rx:1550nm with the complementary B model ,having Tx:1550nm and Rx:1310nm instead.

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