

0485SL SERIES SINGLEMODE



Single Fiber Bi-directional Transceivers Two-Way RS485 System



FEATURES:

- Two-Way RS485 Utilizing One Singlemode Optical Fiber.
- Diagnostic: Power and Optical Presence
- 12 VAC Standard
- 2-Wire or 4-Wire Factory Set
- FC/PC Optical Connector

SPECIFICATIONS:

Data:

Data RateUp to 19.2 Kbps
Data Connectors.....5 pin screw terminal

Optical:

Wavelength1300/1550 nm
Loss Budget (9/125μ)21 dB
Dynamic Range21 dB
ConnectorFC/PC

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module - 12 VAC (AFI Part #: PS-12-VAC)
Rack Card - (See AFI Part #: SR-20/2)

Size:

Module - 8" x 6" x 1½"
Rack Card requires two rack slots - 6½" x 2" x 5"

ORDERING INFORMATION:

- MT-0485-2 SL = 2-Wire Module Bi-Di Transmitter
- MR-0485-2 SL = 2-Wire Module Bi-Di Receiver
- RT-0485-2 SL = 2-Wire Rack Card Bi-Di Transmitter
- RR-0485-2 SL = 2-Wire Rack Card Bi-Di Receiver
- MT-0485-4 SL = 4-Wire Module Bi-Di Transmitter
- MR-0485-4 SL = 4-Wire Module Bi-Di Receiver
- RT-0485-4 SL = 4-Wire Rack Card Bi-Di Transmitter
- RR-0485-4 SL = 4-Wire Rack Card Bi-Di Receiver

Example: MT-0485-2SL to RR-0485-2SL
2-Wire RS485 Single Fiber Singlemode



The American Fibertek 0485SL Series transmits high-quality, bi-directional RS485 on one singlemode optical fiber. RS485 is available in Two-Wire or Four-Wire Format and is factory set. These systems require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

