

Single Fiber Bi-directional Transceiver Two-Way RS485 System



FEATURES:

- Two-Way RS485 Utilizing One Multimode Fiber.
- Diagnostic: Power and Optical Presence
- 24 VAC standard or 12 VDC Option
- Two-Wire or Four-Wire Factory Set

SPECIFICATIONS:

Data:

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

Optical:

Wavelength850/1300 nm
Loss Budget (62.5/125µ).....12 dB
Connector.....ST

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module - 24 VAC (AFI Part #: PS-24)
12 VDC available upon request, consult factory
Rack Card - (See AFI Part #: SR-20/2)

Size:

Module - 5¾" x 6¾" x 1¾"
Rack Card requires one rack slot - 6½" x 1" x 5"

ORDERING INFORMATION:

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

Example: MT-0485-4 to RR-0485-4



The American Fibertek 0485 Series transmits high-quality, bi-directional RS-485 on one multimode optical fiber. RS-485 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.

