

Dual Fiber RS485 Transceiver Data System

FEATURES:

- RS-485 Transceiver
- Switch Selectable 2W or 4W, Terminations, and Line Bias
- Activity Indicators for Data TX and Data RX
- LED Indicator for Power
- Singlemode or Multimode Optics
- 2-Wire or 4-Wire Systems

SPECIFICATIONS:

Data:

Data Rate up to 38.4 Kbps
 Data Connector 5 pin screw terminal

Optical:

Wavelength 850 nm
 Loss Budget (62.5/125µ) 17 dB
 Optical ConnectorST

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module - 12 VDC (AFI Part #: PS-12)
 Power Consumption3 Watts
 Rack Card (See AFI Part #: SR-20D/2)
 Power Consumption3 Watts

Size:

Module - 4¼" X 4¼" X 1⅛"
 Rack Card - 6½" x 1" x 5"

ORDERING INFORMATION:

MX-485 = Module Transceiver
 RX-485 = Rack Card Transceiver

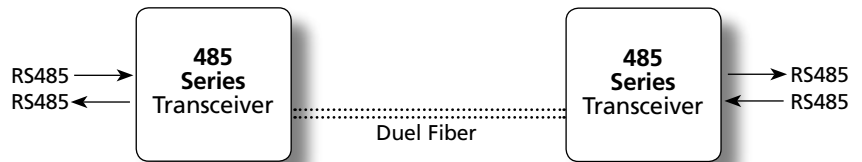
Example: MX-485 to RX-485



The American Fibertek 485 Series transmits and receives high-quality, 2-Wire or 4-Wire RS485 data on dual multimode optical fibers. Designed for continuous long-range, interference free data transmission, 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-20D/2 or SR-20R/1.

PRODUCT ENHANCEMENTS:

- 485-13 Series RS-485 with a loss budget of 17dB @ 1300 nm multimode wavelength.
- 485-S Series RS-485 with a loss budget of 17dB @ 1300 nm singlemode wavelength.



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