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Multi-Protocol RS485/RS422/RS232/MANCHESTER Data System - Single Channel

FEATURES:

♦ Multi-protocol Data – switch selectable as RS-485 (2 or 4 wire), RS-422, RS-232 or Manchester Code

♦ DC to 115 Kb/s

♦ Activity Indicators for Data Tx and Rx for each Channel

SPECIFICATIONS:

DATA:

Interface.... Selectable Multi-protocol
  Choice of: RS-485 (2 or 4 wire),
                 RS-422,
                 RS-232, or
                 Manchester Code
Format…………………Asynchronous
Rate…………………DC to 115 Kbit/s
Connector……………..Terminal Block

OPTICAL:

Wavelength:
  Single Fiber…………..…1310/1550 nm
  Two Fiber…………..……..1310 nm
Loss Budget
- 50/125u…………..…………15 dB
- 62/125u…………..…………18 dB
Connector……………………….SC/ST

POWER:

  Voltage .... 12 VDC
  Current .... 200 mA
  Connector.....2 Pin Terminal Block

Power Supply:

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

PHYSICAL:

  Temperature..........-40 ^{o}C to 75 °C
  Humidity ....5 % to 95 %

Size:

  Module ....4¼" x 4¼" x 1$^{1}/_{8}$"
  Rack Card - One Slot 6½" x 5" x 1"

The American Fibertek 480 Series transmits and receives one simultaneous channel of data over multimode optical fibers. The system is comprised of two transceivers forming a point-to-point communications link. The system is designed to be completely transparent to data protocol and can be configured as RS-485 (2 wire or 4 wire), RS-422, RS-232 or Manchester Code. For ease of installation, 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-20H/2.

ORDERING INFORMATION:

MTX-480 = One Fiber Module Multimode SC Connectors 1310nm Tx/1550nm Rx
MRX-480 = One Fiber Module Multimode SC Connectors 1550nmTx/1310nm Rx
RTX-480 = One Fiber Rack Card Multimode SC Connectors 1310nm Tx/1550nm Rx
RRX-480 = One Fiber Rack Card Multimode SC Connectors 1550nmTx/1310nm Rx

MX-480 = Two Fiber Module Multimode SC Connectors 1310nm Tx/Rx
RX-480 = Two Fiber Module Multimode SC Connectors 1310nm Tx/Rx

To order units with ST Connectors :
Add –ST to the part number such as MTX-480-ST