



**484  
SERIES  
MULTIMODE**

# High Speed RS485/RS422 Data System Single Channel

**FEATURES:**

- ◆ Data – switch selectable as RS-485 (4 wire), RS-422
- ◆ DC to 2 Mb/s
- ◆ Activity Indicators for Data Tx and Rx for each Channel
- ◆ Singlemode Versions Available

**SPECIFICATIONS:**

**DATA:**

Interface.... Selectable Multi-protocol  
Choice of: RS-485 (4 wire),  
RS-422

Format ..... Asynchronous  
Rate ..... DC to 2 Mb/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

**POWER:**

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

**Power Supply:**

Module 12VDC (AFI Part #: PS-12)

**PHYSICAL:**

Temperature.....-40 °C to 75 °C  
Humidity .....5 % to 95 %

**Size:**

Module ..... 4¼" x 4¼" x 1⅛"



The American Fibertek 484 Series transmits and receives one simultaneous channel of data up to 2 Mb/s over 1 or 2 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 (4 wire) or RS-422. For ease of installation, diagnostic indicators provide a quick visual indication of system status.

Equipment is available as modules.

**ORDERING INFORMATION:**

- MTX-484 One Fiber Module Multimode SC Connectors 1310nm Tx
- MRX-484 One Fiber Module Multimode SC Connectors 1550nm Tx
- MX-484 Two Fiber Module Multimode SC Connectors 1310nm Tx/Rx