



## USB 2.0 Data Fiber Extender

### FEATURES:

- ◆ USB 2.0 (also USB 1.1) Data
- ◆ Up to 480 Mbs
- ◆ True Plug and Play
- ◆ Integrated 4 Port Hub
- ◆ No Driver installation Required
- ◆ Activity Indicators
- ◆ Available in Singlemode

### SPECIFICATIONS:

#### Data :

USB 2.0  
Rate.....480 Mbs  
Ports/Connector MRX.....(1) Type B  
Ports/Connector MTX.....(4) Type A

#### Optical:

Wavelength:  
Two Fiber.....1310/1310 nm  
Distance  
- 62/125u.....1 km  
Connectors (2).....LC

#### Power:

MTX-Remote Unit  
Voltage..... 5.0 VDC  
Current..... 3.0 A  
Connector .....1.75mm  
(Provides 5Vdc / 500 mA  
out of each of the 4 USB ports)

#### MRX-Local Unit

Voltage..... 5.0 VDC  
Current..... 1.2 A  
Connector .....1.75mm  
(Capable of being powered over the USB  
cable or from a separate power supply)

#### Power Supply:

MTX.....AFI #PS-5V/3A  
MRX.....AFI #PS-5C

#### Physical:

Operating Temperature..... 0 °C to 60 °C  
Humidity..... 5 % to 95 %

#### Size:

Module..... 4¼" x 3¼" x 1⅞"



The American Fibertek USB 2.0 Series transmits and receives USB 2.0 or USB 1.1 data over two multimode optical fibers.

The system is comprised of two transceivers forming a point-to-point communications link. The remote unit has an integrated 4 port hub which is capable of providing 5Vdc/500mA out of each of the 4 USB ports.

For ease of installation, diagnostic indicators provide a quick visual indication of system status.

One of the applications for this link is to remote a keyboard, video monitor, and mouse over extended distances. The monitor interface can be VGA, DVI, or HDMI. An appropriate adapter is needed to convert the VGA, DVI, or HDMI to a USB2.0 interface which connects to the AFI USB2.0 unit.

#### ORDERING INFORMATION:

MTX-USB 2.0 Two Fiber Module TX Multimode LC Connectors 1310nm  
MRX-USB 2.0 Two Fiber Module RX Multimode LC Connectors 1310nm

