



# Single Fiber Bi-directional Transceivers Dual Channel Audio

**0880  
SERIES  
MULTIMODE**



### FEATURES:

- Two Channels of Bi-directional Audio
- Diagnostics: Power and Optical Presence
- 24 VAC Standard or 12 VDC Option
- No User or Internal Adjustments
- 600 Ohms Balanced or Unbalanced Audio.
- FM Modulated Audio

### SPECIFICATIONS:

#### Audio:

I/O Level @ 600 Ohms ..... 0 dBm  
 Bandwidth ..... 20 Hz to 10 KHz  
 THD @ 1 KHz ..... 1%  
 SNR ..... 50 dB  
 Connector ..... 5 Pin Screw Terminal

#### Optical:

Wavelength ..... 850/1300 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)  
 Power Consumption ..... 3 Watts  
 Rack Card (See AFI Part #: SR-20D/2)  
 Power Consumption ..... 3 Watts

#### Size:

Module - 5¾" x 6¾" x 1⅜"  
 Rack Card - 6½" x 1" x 5"

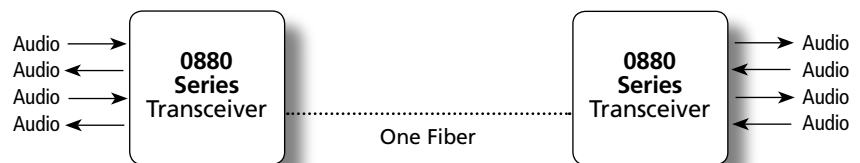
### ORDERING INFORMATION:

MT = Module Transmitter - Audio Input  
 MR = Module Receiver - Audio Output  
 RT = Rack Card Transmitter - Audio Input  
 RR = Rack Card Receiver - Audio Output

*Example: MT-0880 to RR-0880*



The American Fibertek 0880 Series transmits two channels of high-quality bi-directional audio on one multimode optical fiber. Designed to be completely transparent, this product can be used in intercom Tie-in applications between exchanges. This system requires 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.



**THE 0880SL SERIES IS AVAILABLE  
FOR SINGLEMODE APPLICATIONS**

SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY