

One Way Bi-directional Audio Transceiver

“Extended Length: 10km”

Features:

- ◆ Diagnostics: Power and Optical Presence
- ◆ Modules or Rack Cards
- ◆ FM Transmission
- ◆ Full Dynamic Range, No Dead Zone
- ◆ Available in Singlemode

SPECIFICATIONS:

Audio:

I/O Level @ 600 Ohms..... 0 dBm
 Bandwidth..... 20 Hz to 10 KHz
 THD @ 1 KHz..... 1%
 SNR..... 55 dB
 Connector 5 Pin Terminal Block

Optical:

Wavelength.....1300/1550 nm
 Loss Budget
 (62.5/125µm fiber) 20 dB
 (50/125µm fiber) 16 dB
 Max Distance.....10 km
 ConnectorST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module – 12Vdc
 Rack Card – AFI SR 20/2

Size:

Module 81/8" x 41/8 x 11/8"
 Rack Card requires 1 rack slot.. 6½"x5"x1"

Product Ordering Information:

4 wire audio model numbers:

MT-0800C	Module Transmitter
MR-0800C	Module Receiver
RT-0800C	Rack Card Transmitter
RR-0800C	Rack Card Receiver

2 wire audio model numbers:

MT-0800C-2W	Module Transmitter
MR-0800C-2W	Module Receiver
RT-0800C-2W	Rack Card Transmitter
RR-0800C-2W	Rack Card Receiver



The American Fibertek 0800C Series transmits high- quality bi-directional 2 wire or 4 wire audio on one multimode optical fiber up to a distance of 10 km.

Designed to be completely transparent, 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-20/2 or SR20H/2 (redundant power supply version).

