



**2200E  
SERIES  
MULTIMODE**

**TWO WAY VIDEO WITH RETURN AD or BOSCH CODE**

**“Extended Length : 10km”**

**Features:**

- ◆ Compatible with NTSC; RS – 170A RS –343A and PAL
- ◆ Diagnostics: Video, Power and Optical Presence
- ◆ Full Color Transmission
- ◆ Real Time Video Transmission
- ◆ Modules or Rack Cards
- ◆ PFM Transmission
- ◆ Full Dynamic Range, No Dead Zone

**SPECIFICATIONS:**

**Video:**

I/O Level ..... 1 Vp-p  
 I/O Impedance ..... 75 Ω  
 Bandwidth ..... 7 MHz  
 Differential Gain ..... 3%  
 Differential Phase ..... 2°  
 SNR ..... 55 dB  
 Connector ..... BNC

**Data:**

Data Rate ..... Up to 50 Kb/s  
 -AD, Bosch, or Manchester Code  
 Data Connector ..... 5 Pin Screw Terminal

**Optical:**

Wavelength ..... 1300/1550 nm  
 Loss Budget (62.5/125µm fiber) ..... 21 dB  
 Max Distance ..... 10 km  
 Connector ..... ST

**Temperature**

Operating : -40°C to +75°C  
 Storage : -40 to +85C  
 Humidity ; 0 to 95% non-condensing

**Power Supply:**

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

**Size:**

Module ..... 8 1/8" x 4 1/8 x 1 1/8"  
 Rack Card requires 1 rack slot.. 6 1/2"x5"x1"

**MTBF:** ..... > 130,000 hrs

**Product Ordering Information:**

MT-2200E	Module Transmitter
MR-2200E	Module Receiver
RT-2200E	Rack Card Transmitter
RR-2200E	Rack Card Receiver



The American Fibertek 2200E Series transmits high- quality two way video and simultaneously return AD or Bosch Code on one multimode optical fiber up to a distance of 10 km.

Designed to be completely transparent to all camera and monitor manufacturers, 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 Cage: SR-20/2.

