



**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.

