



**1200B-E
SERIES
MULTIMODE**

ONE 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 Level1 Vp-p
 I/O Impedance 75 Ω
 Bandwidth7 MHz
 Differential Gain3%
 Differential Phase..... 2°
 SNR55 dB
 ConnectorBNC

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
 ConnectorST

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

MTBF:> 130,000 hrs

Product Ordering Information:

MT-1200B-E Module Transmitter
 MR-1200B-E Module Receiver
 RT-1200B-E Rack Card Transmitter
 RR-1200B-E Rack Card Receiver



The American Fibertek 1200B-E Series transmits high- quality one 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.

