



ONE WAY VIDEO WITH TWO WAY RS422 DATA

“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 Gain 3%
 Differential Phase..... 2°
 SNR55 dB
 ConnectorBNC

Data:

Data Rate..... up to 19.2 Kb/s
 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, non-condensing

Power Supply:

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

Size:

Module81/8” x 41/8 x 11/8”
 Rack Card requires 1 rack slot... 6½”x5”x1”

Product Ordering Information:

MT-1400E	Module Transmitter
MR-1400E	Module Receiver
RT-1400E	Rack Card Transmitter
RR-1400E	Rack Card Receiver



The American Fibertek 1400E Series transmits high- quality video and simultaneously bi-directional RS422 data on one multimode optical fiber. 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 or SR-20R/1.

