



**1485-4E
SERIES
MULTIMODE**

ONE WAY VIDEO WITH TWO WAY RS485 DATA
“Extended Length : 10km”

Features:

- ◆ Compatible with NTSC; RS – 170A
RS –343A and PAL
- ◆ Diagnostics: Video, Power and
- ◆ Optical Presence
- ◆ Modules or Rack Cards
- ◆ PFM Transmission
- ◆ Full Dynamic Range, No dead zone
- ◆ RS-485-4 Wire (2 wire also available)

SPECIFICATIONS:

Video:

I/O Level 1Vp-p
 I/O Impedance 75 Ω
 Bandwidth 8 MHz
 Differential Gain 5%
 Differential Phase 2°
 SNR 60 dB
 Connector BNC

Data:

Data Rate up to 19.2 Kb/s
 Data Connector 5 Pin Screw Terminal

Optical:

Wavelength 1300/1550nm
 Loss Budget (62/125µm fiber) 21dB
 Connector ST/PC

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module Transmitter - 12 VDC: 500 mA
 (AFI Part #: PS-12D)
 Module Receiver - 12 VDC: 500 mA
 (AFI Part #: PS-12D)

Size:

Module Transmitter- 8 7/8 x 5 1/2 x 1 1/8
 Module Receiver- 8 7/8 x 5 1/2 x 1 1/8
 Rack Card Transmitter requires 2 Rack Slots:
 8" x 5" x 2"
 Rack Card Receiver requires 2 Rack Slots:
 8" x 5" x 2"
 Maximum 7 Rack Cards per SR-20/2

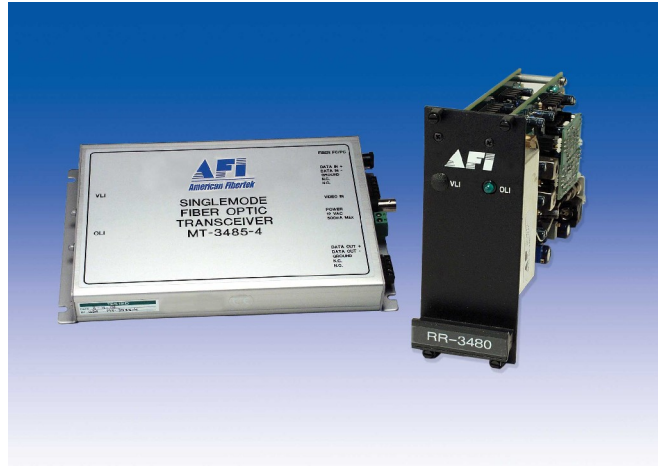
Ordering information:

MT=Module Transmitter – Video Source
 MR=Module Receiver- Control Site
 RT=Rack Card Transmitter – Video Source
 RR=Rack Card Receiver –Control Site

Example:

MT-1485-4E to RR-1485-4E

JPK 1/4/2012



The American Fibertek 1485-4E Series transmits high- quality video and simultaneously bi-directional RS485-4wire data on one multi mode optical fiber over distances up to 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

