



**913C
SERIES
MULTIMODE**

**SINGLE CHANNEL DIGITAL VIDEO SYSTEM WITH THREE
BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNELS**

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI, Data Activity
- ◆ Available with Enhanced "Afinety" Intelligent Monitoring System
- ◆ 10 Bit Digital Video Transmission
- ◆ Serial Digital Transmission

Specifications:

Video:

I/O Level1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth7 MHz
 Differential Gain2 %
 Differential Phase.....0.7 °
 SNR (Unified Weighted).....65 dB
 Connector BNC

Data (3 Channels):

Number of Channels 3 (Full Duplex)
 Interface....485(2 or 4 Wire)/RS422/RS232
 Data FormatAsynchronous, Serial
 Data Rate DC to 115 Kbs
 Connector5 Pin Screw Terminals

Optical:

Wavelength.....1310/1550nm
 Loss Budget (62.5/125µ)..... 12 dB
 Transmission Distance..... 4 km
 Connector.....ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module – 12 VDC (AFI Part # PS-12D)
 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"

Product Ordering Information:

MT-913C Module Transmitter
 MR-913C Module Receiver
 RT-913C Rack Card Transmitter
 RR-913C Rack Card Receiver

10/18/12



The American Fibertek 913C Series transmits one channel of high-quality 10 bit digitized video and three channels of multi-protocol data on one multimode optical fiber using WDM technology. 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. **The "Afinety" intelligent remote monitoring system is available on this product, please consult factory.**

Equipment may be ordered as stand alone modules or rack cards that may be mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

