

SINGLE CHANNEL DIGITAL VIDEO SYSTEM WITH TWO 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
- ◆ 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).....55 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).....8 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:

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

Product Ordering Information:

MT-713C Module Transmitter
 MR-713C Module Receiver
 RT-713C Rack Card Transmitter
 RR-713C Rack Card Receiver



The American Fibertek 713C Series transmits one channel of high-quality 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.

