

TWO CHANNEL DIGITAL VIDEO SYSTEM WITH BI-DIRECTIONAL MULTI-PROTOCOL DATA & CONTACT CLOSURE 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

Specifications:

Video:

I/O Level1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth7 MHz
 Differential Gain 2 %
 Differential Phase.....0.7 °
 SNR (Unified Weighted).....55 dB
 Connector BNC

Data:

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

Contact Closure:

Input Switch Closure to Ground
 Output Dry Contact
 Response Time 2 mS
 Max Voltage 100 VDC or Peak AC
 Max Current 0.5 A
 Connector..... Terminal Block

Optical

Wavelength 1310/1550 nm
 Loss Budget (62.5/125µ).....8 dB
 Distance2km
 Connector ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Rack Card – AFI SR 20/2
 Module – 12 VDC @ 800 mA

Size:

Module..... 81/8” x 41/8” x 11/8”
 Rack Card :
 2 rack slots6½” x 5” x 2”

Ordering information:

MT-726C Module Transmitter
 RT-726C Rack Card Transmitter
 MR-726C Module Receiver
 RR-726C Rack Card Receiver

**Example: RT-726C to RR-726C
 MT-726C to RR-726C**

10/12/14



The American Fibertek 726C Series transmits two channels of high-quality 10 bit digitized video, one channel of bi-directional multi-protocol data, and one bi-directional contact closure channel 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, these are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20H/2.

