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926C SERIES
MULTIMODE

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/0 Level ....1 Vp-p (±3 dB)
I/0 Impedance .... 75 Ohms
Bandwidth ....7 MHz
Differential Gain ....2 %
Differential Phase................................0.7 °
SNR (Unified Weighted).....................65 dB
Connector .... BNC

Data:
Interface….485(2 or 4 Wire)/RS422/RS232
Data Format ....Asynchronous, Serial
Data Rate .... DC to 115 Kbs
Connector ....5 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)....................12 dB
Distance 4Km
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 slots ....6½" x 5" x 2"

Ordering information:
MT-926C   Module Transmitter
RT-926C   Rack Card Transmitter
MR-926C   Module Receiver
RR-926 C   Rack Card Receiver

**Example: RT-926C to RR-926C
           MT-926C to RR-926C**

10/12/12

The American Fibertek 926C 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-20R/1.

2 VIDEO INPUTS — MT-926C — ONE MULTIMODE FIBER — RR-926C — 2 VIDEO OUTPUTS

Selectable Data & Contact Closure   Selectable Data & Contact Closure