



**925C
SERIES
MULTIMODE**

TWO 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
- ◆ 10 Bit Digital Video Transmission
- ◆ Serial Digital Transmission

Specifications:

Video:

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

Data:

Number of Channels 2 (Full Duplex)
 Interface 485(2 or 4 Wire)/RS422/RS232
 Data Format Asynchronous, Serial
 Data Rate DC to 115 Kbs
 Connector 5 Pin Screw Terminals

Optical

Wavelength 1310/1550 nm
 Loss Budget (62.5/125µ) 12 dB
 Distance 2 km
 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-925C Module Transmitter
 RT-925C Rack Card Transmitter
 MR-925C Module Receiver
 RR-925C Rack Card Receiver

**Example: RT-925C to RR-925C
 MT-925C to RR-925C**

10/12/14



The American Fibertek 925C Series transmits two channels of high-quality 10 bit digitized video and two 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, these are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

