



**940C  
SERIES  
MULTIMODE**

**FOUR CHANNEL DIGITAL VIDEO SYSTEM**

**Features:**

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI
- ◆ Available with Enhanced “Afinety” Intelligent Monitoring System
- ◆ 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) ..... 60 dB  
 Connector ..... BNC

**Optical**

Wavelength ..... 1310 nm  
 Loss Budget (62/125µ) ..... 12 dB  
 Maximum Distance ..... 2 Km  
 (Limited by Fiber Dispersion)  
 Connector ..... ST

**Temperature (Operating)**

-40°C to +75°C, non-condensing

**Power Supply:**

Module : 12 VDC  
 (AFI Part#: PS-12D)  
 Rackcard: SR20/2

**Size:**

Module ..... 8 1/8" x 4 1/8" x 1 5/8 "  
 Rack Card-1 rack slot ..... 6 1/2" x 5" x 1"  
 Maximum Loading: ... 10 Cards per SR-20/2

**Ordering information:**

MT-940C Module Transmitter  
 MR-940C Module Receiver  
 RT-940C Rack Card Transmitter  
 RR-940C Rack Card Receiver

**Example: RT-940C to RR-940C**

10/12/13



The American Fibertek 940C Series transmits four channels of high-quality digitized video on one multimode optical fiber. 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 are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

