

FOUR CHANNEL DIGITAL VIDEO SYSTEM

**740C  
SERIES  
MULTIMODE**

**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) ..... 55 dB  
 Connector ..... BNC

**Optical**

Wavelength ..... 1310 nm  
 Loss Budget (62/125µ) ..... 8 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-740C Module Transmitter  
 MR-740C Module Receiver  
 RT-740C Rack Card Transmitter  
 RR-740C Rack Card Receiver

**Example: RT-740C to RR-740C**

8/10/12



The American Fibertek 740C 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.

