



**984C
SERIES
MULTIMODE**

EIGHT CHANNEL DIGITAL VIDEO SYSTEM WITH ONE BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNEL

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI, Data Activity
- ◆ Automatic Resettable Fuses on Power Lines
- ◆ Available with Enhanced “Afinety” Intelligent Monitoring System
- ◆ Digital Video Transmission
- ◆ Serial Digital Transmission

Specifications:

Video:

I/O Level1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth7 MHz
 Differential Gain2 %
 Differential Phase.....0.7 °
 SNR (Unified Weighted).....55 dB
 Connector BNC

Data:

Number of Channels 1 (Full Duplex)
 Interface.....485(2 or 4 Wire)/RS422/RS232
 Data FormatAsynchronous, Serial
 Data Rate..... DC to 115 Kbs
 Connector5 Pin Screw Terminals

Optical

Wavelength 1310/1550 nm
 Loss Budget (62/125µ).....12 dB
 Maximum Distance1 Km
 (Limited by Fiber Dispersion)
 Connector ST

Environmental

Operating Temp.....-40°C to +75°C
 Storage Temp.....-40°C to +85°C
 Humidity.....0% to 95% (non condensing)
 MTBF.....>100,000 hours

Power Supply:

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

Size:

Module..... 81/8" x 41/8" x 11/8"
 Rack Card-2 rack slots..... 6 1/2" x 5" x 2"
 Maximum Loading: 7 Cards per SR-20/2

Ordering information:

MT-984C Module Transmitter
 MR-984C Module Receiver
 RT-984C Rack Card Transmitter
 RR-984C Rack Card Receiver

Example: RT-984C to RR-984C

10/30/12 JPK



The American Fibertek 984C Series transmits eight channels of high-quality digitized video and one channel 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-20H/2 (includes redundant power supply).

