



**980C
SERIES
MULTIMODE**

EIGHT 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
- ◆ 10 Bit 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

Optical

Wavelength1310 nm
 Loss Budget (62/125µ).....12 dB
 Maximum Distance1 Km
 (Limited by Fiber Dispersion)
 Connector ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Rack Card – AFI SR 20/2

Size:

Module:.....8 1/8” x 4 1/8” x 1 1/2”
 Rack Card : 2 rack slots.....6 1/2” x 5” x 2”

Ordering information:

RT-980C Rack Card Transmitter
 RR-980C Rack Card Receiver
 MT-980C Module Transmitter
 MR-980C Module Receiver

Example: MT-980C to RR-980C



The American Fibertek 980C Series transmits eight channels of high-quality 10 bit 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 modules or rack cards, these are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

