



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

**984
SERIES
MULTIMODE**

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 1 (Full Duplex)
Interface Selectable Multi-protocol
Choice of: RS-485 (2 or 4 wire),
RS-422,
Manchester

Data Format Asynchronous, Serial
Data Rate DC to 115 Kbs
Connector 5 Pin Screw Terminal

Optical

Wavelength 1310/1550 nm
Loss Budget (62/125 μ) 12 dB
Maximum Distance 1 Km
(Limited by Fiber Dispersion)
Connector ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Rack card: SR20/2

Size:

Rack Card 2 rack slots 6½" x 5" x 2"
Maximum Loading: 7 Cards per SR-20/2

Ordering information:

RT-984 Rack Card Transmitter
RR-984 Rack Card Receiver

Example: RT-984 to RR-984

6/06/05



The American Fibertek 984 Series transmits eight channels of high-quality 10 bit 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 rack cards, these are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

