



**980E-SL  
SERIES  
SINGLEMODE**

**EIGHT CHANNEL DIGITAL VIDEO SYSTEM  
Extended Length**

**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 Level .....1 V p-p ( $\pm 3$  dB)  
 I/O Impedance ..... 75 Ohms  
 Bandwidth .....7 MHz  
 Differential Gain .....2 %  
 Differential Phase.....0.7 °  
 SNR (Unified Weighted).....65 dB  
 Connector ..... BNC

**Optical**

Wavelength .....1310nm  
 Loss Budget (9/125 $\mu$ ).....25 dB  
 Connector ..... FC/PC

**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-980E-SL     Rack Card Transmitter  
 RR-980E-SL     Rack Card Receiver  
 MT-980E-SL     Module Transmitter  
 MR-980E-SL     Module Receiver

**Example: MT-980E-SL to RR-980E-SL**



The American Fibertek 980E-SL Series transmits eight channels of high-quality 10 bit digitized video on one singlemode 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. The rack cards are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

