

**94000SL  
SERIES  
SINGLE MODE**

**40 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 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

**Optical**

Wavelengths ..... 1470 nm  
 ..... 1490 nm  
 ..... 1510 nm  
 ..... 1530 nm  
 ..... 1550 nm  
 Loss Budget (9/125µ).....21 dB  
 Connector ..... SC/PC

**Temperature (Operating)**

-40°C to +75°C, non-condensing

**Power Supply:**

Universal Power Input  
 100 to 240 VAC, 50 to 60 Hz

**Size:**

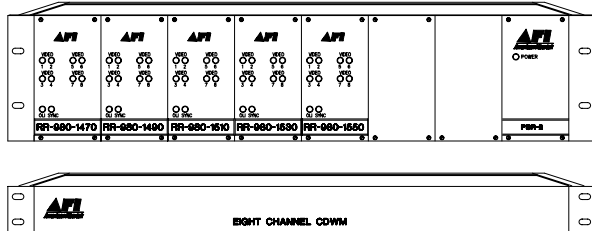
- (5) Units of 8 Channel Video  
 2 Rack Slots Each – 5 x 6½ x 2”
- (1) 1RU 1.75” High x 19” Wide x 12” Deep
- (1) SR20/2

**Ordering information:**

RT-94000SL = Video Transmitter  
 RR-94000SL= Video Receiver

**Example:**

**RT-94000SL to RR-94000SL**



The American Fibertek 94000SL Series transmits 40 channels of high-quality 10 bit digitized on one singlemode optical fiber using CWDM 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 consists of an American Fibertek Card Cage, SR-20/2 sub-rack containing five (8 channel video) rack cards (2 slots each) and a 1 RU housing which contains the CWDM passive optics.

