



**92488C-SL  
SERIES  
SINGLEMODE**

**24 CHANNEL DIGITAL VIDEO/AUDIO SYSTEM**

**Features:**

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, OLI
- ◆ Automatic Resettable Fuses on Power Lines
- ◆ 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

**Audio:**

I/O Level @ 600 Ohms ..... 0 dBm  
 Bandwidth .....20 Hz to 10 KHz  
 THD @ 1 KHz .....0.1%  
 SNR..... 80 dB  
 Connector ..... Terminal Block

**Optical**

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

**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:**

Universal Power Input  
 100 to 240 VAC, 50 to 60 Hz, 70 W

**Size:**

- (3) Units of 8 Channel Video  
 2 Rack Slots Each – 5 x 6½ x 2”
- (1) Unit of 2 Channel Bi-Directional Audio  
 1 Rack Slots Each – 5 x 6½ x 1”
- (1) Unit 8 Wavelength Mux/Demux 1 RU
- (1) SR20/2

**Ordering information:**

RT-92488C-SL = Video/Audio Transmitter  
 RR-92488C-SL = Video/Audio Receiver

**Example:**

**RT-92488C-SL to RR-92488C-SL**

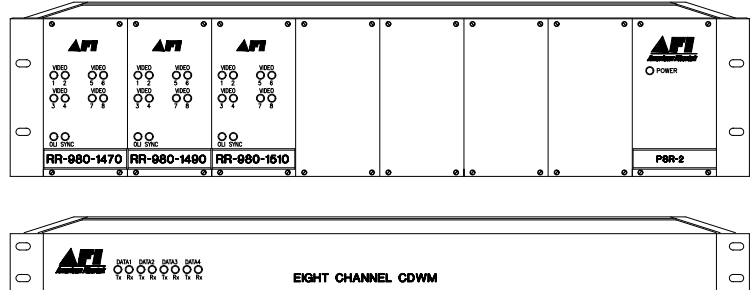


Illustration of a similar product

The American Fibertek 92488C-SL Series transmits 24 channels of high-quality 10 Bit digitized video and 2 channels of 24 Bit bi-directional audio on one singlemode optical fiber using CWDM technology. Up to 3 additional 8 channel video modules may be added to this equipment to support potential future expansion requirements.

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, 3 (8 channel video) rack cards (2 slots each), 1 (2 channel audio) rack card and one CWDM Mux/Demux (1 RU package) which contains the CWDM passive optics. Also available in card cages (SR-20H/2) with redundant power supplies. Consult factory for more details.

