

24 CHANNEL DIGITAL VIDEO 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
- ◆ Digital Video Transmission
- ◆ Serial Digital Transmission
- ◆ Also available with Multi-protocol RS data and Ethernet

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
 Loss Budget (62/125µ)..... 12 dB
 Distance(62/125µm)..... 1 km
 (limited by fiber bandwidth)
 Connector SC

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:

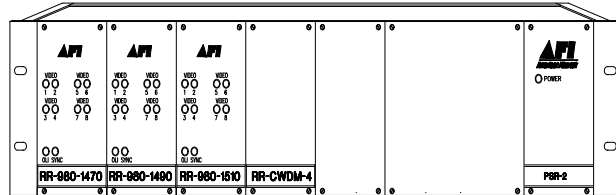
- (3) Units of 8 Channel Video
- (1) Unit CWDM Mux/Demux
 2 Rack Slots Each – 5 x 6½ x 2”
- (1) SR20/2

Ordering information:

RT-92400C = Video Transmitter
 RR-92400C = Video Receiver

Example:

RT-92400C to RR-92400C



The American Fibertek 92400C Series transmits 24 channels of high-quality digitized video on one multimode 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 three (8 channel video) rack cards (2 slots each) and one CWDM Mux/Demux rackcard (2 slots) which contains the CWDM passive optics. Also available in a card cage (SR-20H/2) with redundant power supplies. Consult factory for more details

