



**94000C
SERIES
MULTI MODE**

40 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 or Ethernet

Specifications:

Video:

I/O Level1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth7 MHz
 Differential Gain2 %
 Differential Phase.....0.7 °
 SNR (Unified Weighted).....55 dB
 Connector BNC

Optical

Wavelengths 1470 nm
 1490 nm
 1510 nm
 1530 nm
 1550 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:

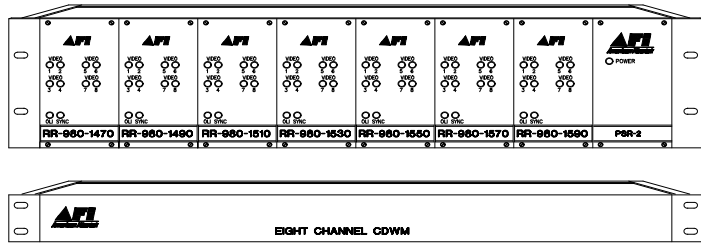
- (5) Units of 8 Channel Video
 2 Rack Slots Each – 5 x 6½ x 2"
- (1) 3RU SR20/2
- (1) 1RU 1.75" High x 19" Wide x 12" Deep

Ordering information:

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

Example:

RT-94000C to RR-94000C



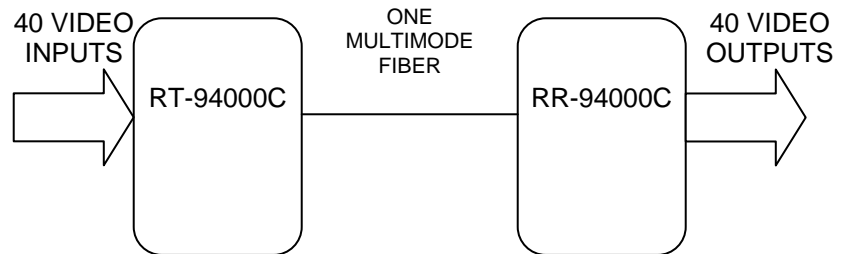
Picture of a similar system

The American Fibertek 94000C Series transmits 40 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 5 (8 channel video) rack cards and a 1RU CWDM Mux/Demux 19” rack unit which contains the CWDM passive optics. Also available in a card cage (SR-20H/2) with redundant power supplies. Consult factory for more details



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