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48 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
♦ 10 Bit Digital Video Transmission
♦ Serial Digital Transmission
♦ Also available with Muti-protocol RS data and Ethernet

Specifications:

Video:
I/0 Level ....1 Vp-p (±3 dB)
I/0 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
.................................1570 nm
Loss Budget (9/125µ).........................21 dB
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
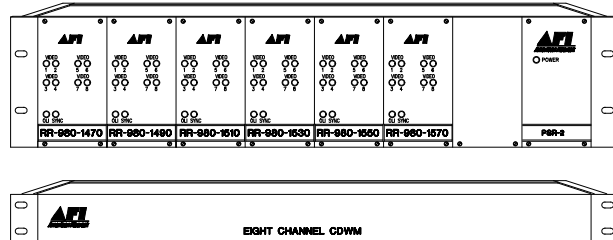100 to 240 VAC, 50 to 60 Hz, 100 Watts

Size:
(6) 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-94800C-SL = Video Transmitter
RR-94800C-SL = Video Receiver

Example:
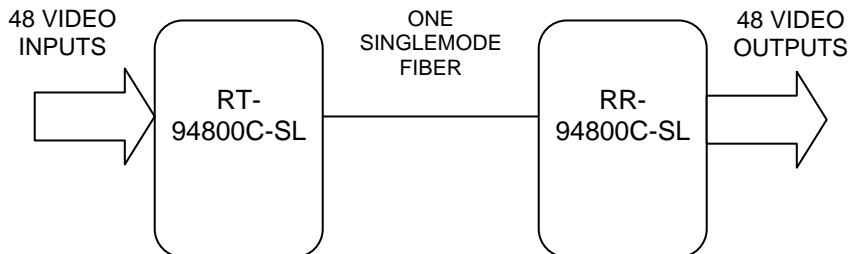 **RT-94800C-SL to RR-94800C-SL**

The American Fibertek 94800C-SL Series transmits 48 channels of high-quality 10 Bit digitized video 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 six (8 channel video) rack cards (2 slots each) and a 1RU rack unit which contains the CWDM passive optics. Also available in card cages (SR-20H/2) with redundant power supplies. Consult factory for more details