

16 CHANNEL DIGITAL VIDEO SYSTEM

Extended Distance : Up to 2km

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, OLI
- ◆ Automatic Resettable Fuses on Power Lines
- ◆ Digital Video 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) 55 dB
 Connector BNC

Optical

Wavelengths 1310/1550 nm
 Maximum Distance(62/125 μ) 2 Km
 (Limited by Fiber Dispersion)
 Loss Budget (62/125 μ) 15 dB
 Connector ST

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, 55 W

Size:

1RU 1.75" High x 19" Wide x 12" Deep

Ordering information:

MRT-91600C-E = Video Transmitter
 MRR-91600C-E= Video Receiver
 Example:
MRT-91600C-E to MRR-91600C-E



The American Fibertek 91600C-E Series transmits 16 channels of high-quality digitized video on one multimode optical fiber using WDM technology. **The 91600C-E Series operates over an extended distance of up to 2 km.**

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.

Equipment consists of a 1 RU housing which contains the Video and the WDM passive optics.

