afi **16 CHANNEL DIGITAL VIDEO SYSTEM**

91600C SERIES **MULTI MODE**

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/0 Level	.1 Vp-p (±3 dB)
I/0 Impedance	75 Ohms
Bandwidth	7 MHz
Differential Gain	
Differential Phase	0.7 °
SNR (Unified Weighted	d) 55 dB
Connector	BNC

Optical

Wavelengths 1	310/1550 nm	
Maximum Distance	1 Km	
(Limited by Fiber Dispersion)		
Loss Budget (62/125µ)	12 dB	
Connector	ST	

Environmental

Operating Temp	40°C to +75°C
Storage Temp	40°C to +85°C
Humidity0% to 959	% (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:

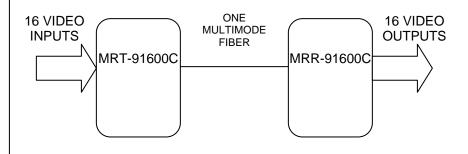
MRT-91600C = Video Transmitter MRR-91600C= Video Receiver Example: MRT-91600C to MRR-91600C



The American Fibertek 91600C Series transmits 16 channels of highquality digitized video on one multimode optical fiber using WDM 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.

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



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