



FOUR CHANNEL DIGITAL VIDEO SYSTEM
(Rackcard Installable into the IFS R3 Subrack)

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI
- ◆ Digital Video Transmission
- ◆ Serial Digital Transmission
- ◆ Available in Singlemode

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) 60 dB
 Connector..... BNC

Optical

Wavelength.....1310 nm
 Loss Budget (62/125µ)..... 12 dB
 Maximum Distance..... 2 Km
 (Limited by Fiber Dispersion)
 Connector..... ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module : 12 VDC
 (AFI Part#: PS-12D)
 Rackcard: SR20/2

Size:

Module..... 8 1/8" x 4 1/8" x 1 5/8 "
 Rack Card..... 1 rack slot

Ordering information:

MT-940C Module Transmitter
 RR-940C-R3 Rack Card Receiver



The American Fibertek 940C-R3 Series transmits four channels of high-quality digitized video on one multimode optical fiber. Diagnostic indicators provide a quick visual indication of system status.

The rackcard receiver is mechanically and power supply compatible with the IFS R3 sub rack and power supply. This provides one an option to add an AFI product to an existing IFS-R3 subrack. However, an AFI module transmitter must be used with the AFI RR-940C-R3 receiver.

Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter.

