

TWO CHANNEL DIGITAL VIDEO SYSTEM

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI
- ◆ Available with Enhanced “Afinety” Intelligent Monitoring System
- ◆ Surge Protection on I/O Ports
- ◆ Digital Video Transmission
- ◆ Serial Digital 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) 60 dB
 Connector BNC

Optical

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

Environmental

Operating Temp -40°C to +75°C
 Storage Temp -40°C to +85°C
 Rel Humidity 0 to 95% non-condensing
 MTBF >100,000 hrs

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 6 1/2" x 5" x 1"

Ordering information:

MT-920C Module Transmitter
 MR-920C Module Receiver
 RT-920C Rack Card Transmitter
 RR-920C Rack Card Receiver

Example:

MT-920C to RR-920C

11/10/12



The American Fibertek 920C Series transmits two channels of high-quality digitized video on one multimode optical fiber. 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 may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2.

