

SINGLE MULTIMODE FIBER – FOUR-CHANNEL FM VIDEO SYSTEM

Features:

- ◆ Compatible with NTSC; RS – 170A & RS –343A and PAL
- ◆ Diagnostics: Video, Power and Optical Presence
- ◆ Full Color Transmission
- ◆ Real Time Video Transmission
- ◆ Modules or Rack Cards
- ◆ PFM Transmission
- ◆ Singlemode Version Available

SPECIFICATIONS:

Video:

| | |
|-------------------------|--------|
| I/O Level | 1Vp-p |
| I/O Impedance | 75Ω |
| Bandwidth | 10 MHz |
| Differential Gain | 5% |
| Differential Phase..... | 3° |
| SNR..... | 55 dB |
| Connector | BNC |

Optical

| | |
|---------------------------|--------|
| Wavelength..... | 1300nm |
| Distance (62.5/125μ)..... | 2.5Km |
| Loss Budget | 6 dB |
| Dynamic Range..... | 6 dB |
| Connector | ST |

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

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

SIZE:

Module Transmitter:..... 8 7/8 x 5 1/2 x 1 1/8"
 Module Receiver:.....8 7/8 x 5 1/2 x 1 1/8"
 Rack Card Transmitter, Receiver
 - requires 2 rack slots:.....8 x 5 x 2"
 Maximum Cards:.....7 cards per SR-20/2

Ordering information:

MT-404C-12VDC Module Transmitter
 MR-404C-12VDC Module Receiver
 RT-404C Rack Card Transmitter
 RR-404C Rack Card Receiver

Example: MT-404C-12VDC to MR-404C-12VDC



The American Fibertek 404C Series transmits four channels of high-quality video on one multimode optical fiber at 1300nm. The 404C Series units are used in applications up to 2.5 km (1.5 miles) on 62um multi-mode 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.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cage : SR-20/2.

