



SINGLE MULTIMODE FIBER – FOUR-CHANNEL FM VIDEO SYSTEM

**404C-
12VDC
SERIES
MULTIMODE**

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.

