

SINGLE MULTIMODE FIBER – TWO-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).....	.5 Km
Loss Budget	12 dB
Dynamic Range.....	12 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-220C-12VDC Module Transmitter
 MR-220C-12VDC Module Receiver
 RT-220C Rack Card Transmitter
 RR-220C Rack Card Receiver

Example: MT-220C-12VDC to MR-220C-12VDC



The American Fibertek 220C Series transmits two channels of high-quality video on one multimode optical fiber at 1300nm. The 220C Series units are used in applications up to 5 km (3 miles) on 62um multi-mode fiber. A 220CE (extended length) model is also available to handle distance requirements up to 10 km (6 miles).

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.

