



**SINGLE SINGLEMODE 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
- ◆ Multimode 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	1300 nm
Distance (9/125μ).....	20 Km
Loss Budget.....	12 dB
Dynamic Range.....	12 dB
Connector.....	FC

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-440C-SL-12VDC Module Transmitter
MR-440C-SL-12VDC Module Receiver
RT-440C-SL Rack Card Transmitter
RR-440C-SL Rack Card Receiver

**Example: MT-440C-SL-12VDC to
MR-440C-SL-12VDC**



The American Fibertek 440C-SL Series transmits four channels of high-quality video on one singlemode optical fiber at 1300nm. The 440C-SL Series units are used in applications up to 20 km (12 miles). A 440C-ESL (extended length) model is also available to handle distance requirements up to 35 km (22 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.

