

# 220SL SERIES SINGLEMODE



## Single 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
- Compatible with 500 Series Audio/Data Modulators & Demodulators
- PFM Transmission

### SPECIFICATIONS:

#### Video:

I/O Level .....	1 Vpp
I/O Impedance .....	75 Ohms
Bandwidth .....	10 MHz
Differential Gain .....	5%
Differential Phase .....	3°
SNR .....	55 dB
Connector .....	BNC

#### Optical:

Wavelength .....	1300 nm
Loss Budget (9/125μ) .....	12 dB
Connector .....	FC/PC

#### Temperature (Operating):

-40°C to +75°C, non-condensing

#### Power Supply:

- Module Transmitter - 24 VAC Center Tap (AFI Part #: PS-24-CT-T)
- Module Receiver - 24 VAC Center Tap (AFI Part #: PS-24-CT-T)
- Rack Card - (See AFI Part #: SR-20/2)

#### Size:

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

### ORDERING INFORMATION:

- MT = Module Transmitter - Video Source
- MR = Module Receiver - Control Site
- RT = Rack Card Transmitter - Video Source
- RR = Rack Card Receiver - Control Site

Example: RT-220SL to RR-220SL



The American Fibertek 220SL Series transmits two channels of high-quality video on one single mode optical fiber at 1300nm. 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. In addition, two sub-carriers can be added to each video channel using the 500 Series modulators and demodulators. Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

