



# 62 SERIES MULTIMODE

## Single Fiber Bi-directional Transceivers Two-Way Video and Two-Way Data for SensorNet



### FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Data, Power and Optical Presence
- Full Color Transmission
- Transmits SensorNet Data
- Transformer Coupled
- No User or Installation Adjustments
- Optical AGC

### SPECIFICATIONS:

#### Video:

I/O Impedance	75 Ohms
Bandwidth	8 MHz
Differential Gain	4%
Differential Phase	4°
SNR	60 dB
Connector	BNC

#### Data:

Rate	230.4 Kbps
Connector	2 pin screw terminal

#### Optical:

Wavelength	850/1300 nm
Loss Budget (62.5/125μ)	12 dB
Connector	ST

#### Temperature (Operating):

-20°C to +70°C, non-condensing

#### Power Supply:

Module - 12 VAC (AFI Part #: PS-12 VAC)  
Rack Card - (See AFI Part #: SR-20/1)

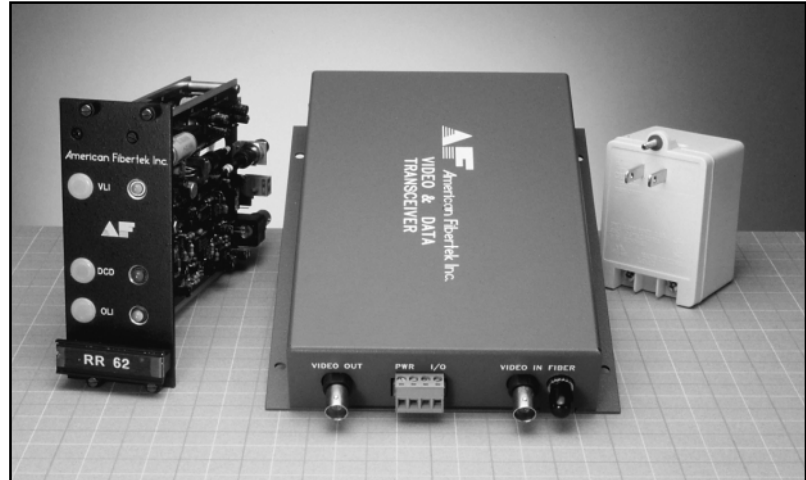
#### Size:

Module - 2" x 5½" x 8⅞"  
Rack Card requires two rack slots - 6½" x 5" x 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: MT-62 to RR-62**



The American Fibertek 62 Series transmits high quality simultaneous bi-directional video and SensorNet data on one multimode fiber. These systems require 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 Cages: SR-20/1 or SR-20R/1.

