

61 SERIES MULTIMODE



Single Fiber Bi-directional Transceivers One Way Video with Two Way Data System 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)

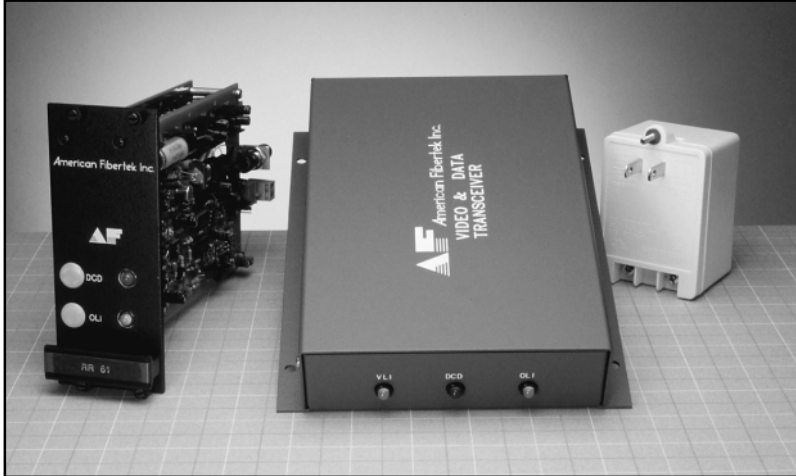
Size:

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-61 to RR-61



The American Fibertek 61 Series transmits high quality, simultaneous video and bi-directional Sensornet data on one multimode optical 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.

