

# Single Fiber Bi-directional Transceivers - Low Profile One-Way Video with Reverse "Up the Coax" Camera and PTZ Control



## FEATURES:

- Video with Reverse "Up the Coax" Camera and PTZ Control over One Multimode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- PFM Video Transmission

## SPECIFICATIONS:

### Video:

I/O Level .....	1 Vpp
I/O Impedance .....	75 Ohms
Bandwidth .....	8 MHz
Differential Gain .....	5%
Differential Phase .....	3°
SNR .....	60 dB
Connector .....	BNC

### Control System Compatibility:

Vicon Vicoax  
Burle  
Pelco Coaxitron 15, 16 and 32 bit  
Videolarm  
All other Vertical Interval Signal Products

### Optical:

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

### Temperature (Operating):

-40°C to +74°C, non-condensing

### Power Supply:

Module - 12 VDC (AFI Part #: PS-12)	
Power Consumption .....	4 Watts
Rack Card (See AFI Part #: SR-20D/2)	
Power Consumption .....	4 Watts

### Size:

Module - 4½" x 4¼" x 1⅛"  
Rack Card - 6½" x 1" x 5"

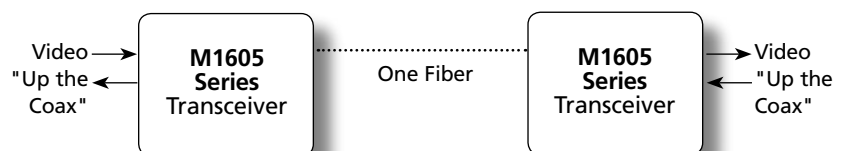
## ORDERING INFORMATION:

MTM = Module Transmitter - Video Source  
MRM = Module Receiver - Control Site  
RRM = Rack Card Receiver - Control Site  
RTM = Rack Card Transmitter - Video Source

*Example: MTM-1605 to RRM-1605*



The American Fibertek M1605S Series transmits high-quality, simultaneous video with reverse vertical interval signal on one multimode optical fiber. Designed to be used with "Up the Coax" products, 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-20D/2 or SR-20R/1.



**THE 3600 SERIES IS AVAILABLE  
FOR SINGLEMODE APPLICATIONS**

[SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY](#)