



**Single Fiber Bi-directional Transceiver – Low Profile
One-Way Video with Reverse “Up the Coax” Camera and PTZ Control**

FEATURES:

- ◆ Diagnostics: Power, Video and Optical Presence
- ◆ Compatible with NTSC; RS-170A & RS-343A and PAL
Video with Reverse Camera and PTZ over one Multimode Optical Fiber
- ◆ Modules or Rack Cards
- ◆ Full Color Transmission
- ◆ PFM Video Transmission

SPECIFICATIONS:

Video:

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

Data:

Control System Compatibility

Burle
Pelco Coaxitron - 15, 16 & 32 bit
Vicon Viacoax
VideoAlarm

Optical:

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

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module Transmitter - 12 VDC: 10 VA
(AFI Part #: PS-12)
Module Receiver - 12 VDC: 10 VA
(AFI Part#: PS-12)

Size:

Rack Card Requires one rack slot
Module: 4¼" x 4¼" x 1⅞"

Ordering information:

MTM=Module Transmitter – Field Unit
RRM=Module Receiver- Control Site
RTM=Rack Card Transmitter – Field Unit
RRM=Rack Card Receiver –Control Site

1/15/14 JPM



The American Fibertek M605 Series transmits high-quality, simultaneous video with reverse vertical interval signal on one multimode optical fiber.

Designed to be used with “Up the Coax” PTZ control 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-20/2, SR-20D/2 or SR-20R/2.

