



**FM MINI
Transmitter
MULTIMODE
SINGLEMODE**

Single Channel Mini FM Video Transmitters

Features:

- ◆ Compatible with NTSC; RS – 170A & RS –343A and PAL
- ◆ Full Color Transmission
- ◆ Small Profile
- ◆ PFM Video Transmission
- ◆ Mounts directly on the Camera

SPECIFICATIONS:

Video:

I/O Level..... 1Vp-p
 I/O Impedance..... 75 O
 Bandwidth..... 10 MHZ
 Differential Gain..... 5%
 Differential Phase..... 5°
 SNR..... 60 dB
 Connector..... BNC

Optical:

Wavelength MTM-1..... 850nm
 Loss Budget (62.5/1/25μ) 12dB
 Maximum Transmission Distance..... 2.5 Km
 Wavelength MTM-3..... 1300nm
 Loss Budget (62.5/1/25μ) 12dB
 Wavelength MTM-3S..... 1300nm
 Loss Budget (9/1/25μ) 12dB
 Connector..... ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

12 VDC (AFI Part #: PS-12)

Size:

Diameter..... 1½"
 Length..... 2½"

Ordering information:

MTM-1 = 850nm FM Video Mini Transmitter (Multimode)

MTM-3 = 1300nm FM Video Mini Transmitter (Multimode)

MTM-3S = 1300nm FM Video Mini Transmitter (Singlemode)

Example:

MTM-1 to MRM-100



The American Fibertek Single Channel Mini FM Video Series transmits high quality video on one multimode or one singlemode optical fiber, depending on the module number, using FM transmission. This system is designed to be completely transparent to all camera manufacturers. Products require no field adjustments at installation or additional maintenance thereafter. The units in this Series are mounted directly on the camera video output BNC connector. These units are compatible with the M100, M300 or M300S series of single channel video receivers.

MTM-1 Transmitter is compatible with:

- MRM-100 Module FM Receivers
- RRM-100 Rack Card FM Receivers
- RRM-30 3-up Rack Card FM Receivers

MTM-3 Transmitter is compatible with:

- MRM-300 Module FM Receivers
- RRM-300 Rack Card FM Receivers
- RRM-33 3-up Rack Card FM Receivers

MTM-3S Transmitter is compatible with:

- MRM-300S Module FM Receivers
- RRM-300S Rack Card FM Receivers
- RRM-33S 3-up Rack Card FM Receivers