

# Single Channel Mini Video Transmitters



**FEATURES:**

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Full Color Transmission
- 850 nm Low Cost Optics
- Compatible with Full Range of 10 Series and 20 Series Receivers

**SPECIFICATIONS:**

**Video:**

I/O Level.....	1 Vpp
I/O Impedance.....	75 Ω
Bandwidth.....	10 MHz
Differential Gain.....	2%
Differential Phase.....	2°
SNR.....	60 dB
Connector.....	BNC

**Optical:**

Wavelength.....	850 nm
Loss Budget (62.5/125μ).....	17 dB
Connector.....	ST

**Temperature (Operating):**

-20°C to +70°C, non-condensing

**Power Supply:**

Module -12 VDC (AFI Part#: PS-12)  
 Rack Card - (See AFI Part#: SR-20/2)

**Size:**

MT-1 - Diameter.....	1 1/16"
Length.....	1 3/16"

**ORDERING INFORMATION:**

MT-1 = Mini Module Transmitter



The American Fibertek MT-1 Series transmits one channel of high-quality video on one multimode optical fiber. The MT-1 is designed to be completely transparent to all camera and monitor manufacturers. Compatible with the full range of 10 and 20 Series receivers, this product requires no field adjustments at installation or additional maintenance thereafter.

**MT-1 is compatible with:**

- MR-10M - Module Video Receiver with Manual Gain Control Option and 15 MHz Video Bandwidth.
- MR-10 - Module Video Receiver with Automatic Gain Control Option
- RR-10M - Rack Card Video Receiver with Manual Gain Control Option and 15 MHz Video Bandwidth.
- RR-10 - Rack Card Video Receiver with Automatic Gain Control Option
- RR-20M - Rack Card Dual Video Receiver with Manual Gain Control Option and 15 MHz Video Bandwidth.
- RR-20 - Rack Card Dual Video Receiver with Automatic Gain Control Option