



**VK-M100
VK-M1
VIDEO KIT
MULTIMODE**



Single Channel FM Video Transmission Kit Low Profile / Mini

FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- Small Profile
- PFM Video Transmission

SPECIFICATIONS:

Video:

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

Optical:

Wavelength	850 nm
Loss Budget (62.5/125µ).....	12 dB
Maximum Transmission Distance	2.5 Km
Connector	ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

Module - 12 VDC (AFI Part #: PS-12)
Power Consumption (per end).....2 Watts

Size:

Mini Module - 2½" length x 1½" diameter
Low Profile Module - 3" x 2" x 7/8"

ORDERING INFORMATION:

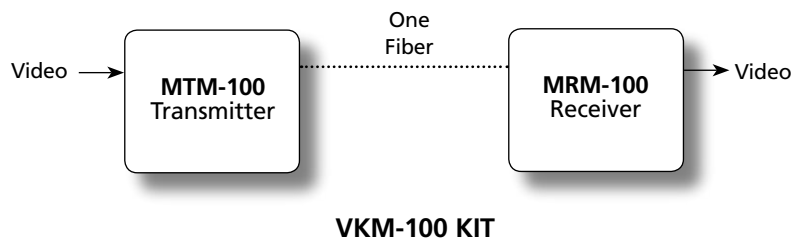
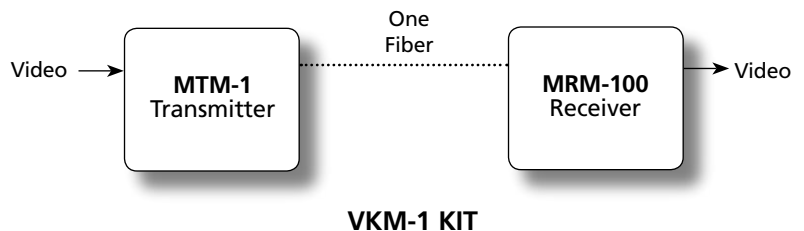
VK-M1 Video Kit Consists Of:
MTM-1 Mini Module Transmitter
PS-12 Power Supply
MRM-100 Module Receiver
PS-12 Power Supply

VK-M100 Video Kit Consists Of:
MTM-100 Module Transmitter
PS-12 Power Supply
MRM-100 Module Receiver
PS-12 Power Supply



The American Fibertek VK-M1 and VK-M100 Video Kits transmit one channel of high-quality, FM video on one multimode optical fiber at 850 nm. Designed to be completely transparent to all camera and monitor manufacturers, the system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status.

The VK-M1 kit includes the MTM-1 miniature transmitter that is designed to mount directly on the back of a video camera. The VK-M100 kit includes the MTM-100 stand alone low profile modular transmitter. The MRM-100 stand alone low profile modular receiver is included in both kits along with two PS-12 power supplies to power the link.



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