

**Single Channel FM Video Transmission System
1310 nm Singlemode – Low Profile**
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 Level1 Vpp
I/O Impedance 75 Ohms
Bandwidth 8 MHz
Differential Gain 5%
Differential Phase 5°
SNR 60 dB
Connector BNC

Optical:

Wavelength 1310 nm
Loss Budget (9/125 μ)12 dB
Connector ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

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

Size:

Module - 3" x 2" x 13/16"
 Rack Card Receiver - 6 1/2" 1" x 5"

Ordering Information:

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

Example: MTM-300CB-S to MRM-300C-S



The American Fibertek M300C-S Series transmits one channel of high-quality, FM video on one singlemode optical fiber at 1310 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.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

PRODUCT INFORMATION:

MTM-300CB-S	Mini Module Video Transmitter
MRM-300C-S	Mini Module FM Video Receiver
RRM-300C-S	Rack Card FM Video Receiver
RRM-33C-S	Rack Card 3-up Video Receiver

