



**SINGLEMODE FIBER
ONE WAY VIDEO WITH TWO WAY RS422 DATA**

**M3400C
SERIES
SINGLEMODE**

Features:

- ◆ Compatible with NTSC; RS – 170A
RS –343A and PAL
- ◆ Diagnostics: Video, Power and
- ◆ Optical Presence
- ◆ Full Color Transmission
- ◆ Real Time Video Transmission
- ◆ Modules or Rack Cards
- ◆ PFM Transmission

SPECIFICATIONS:

Video:

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

Optical:

Wavelength..... 1300/1550 nm
Loss Budget (9/125µm fiber) 15 dB
Connector..... FC/PC

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module – 12Vdc
Rack Card – AFI SR 20/2

Size:

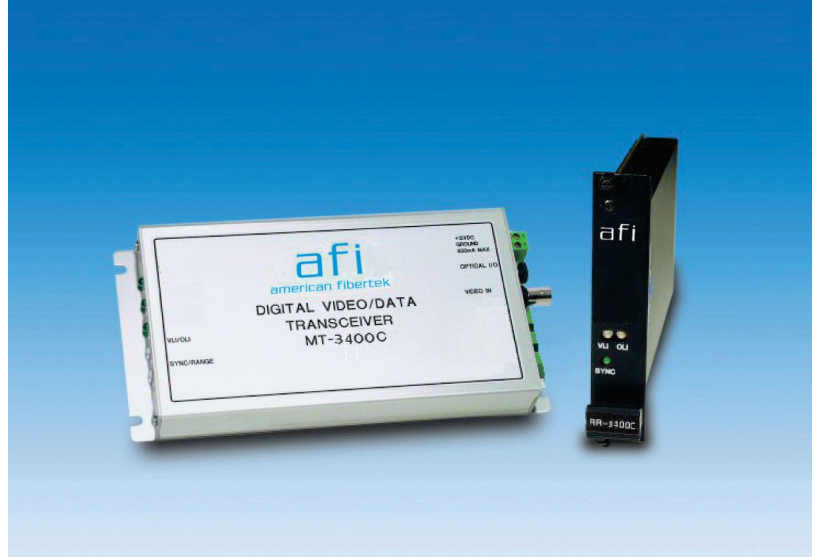
Module 8 1/8 x 4 1/8 x 1 1/8"
Rack Card requires 1 rack slot... 6 1/2" x 5" x 1"

Ordering information:

MT=Module Transmitter – Video Source
MR=Module Receiver- Control Site
RT=Rack Card Transmitter – Video Source
RR=Rack Card Receiver –Control Site

Example:

MTM-3400C to RRM-3400C



The American Fibertek M3400C Series transmits high- quality video and simultaneously bi-directional RS422 data on one single mode optical fiber. Designed to be completely transparent to all camera and monitor manufacturers, this 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 Cage: SR-20/2

