

M3400 SERIES SINGLEMODE



Single Fiber Bi-directional Transceivers One-Way Video & Two-Way RS422



FEATURES:

- Video with Return AD or Philips Code Utilizing One Singlemode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- PFM Video Transmission
- 12 VAC Standard
- Full Color Transmission

SPECIFICATIONS:

Video:

I/O Level.....	1 Vpp
I/O Impedance.....	75 Ohms
Bandwidth.....	8 MHz
Differential Gain.....	5%
Differential Phase.....	3°
SNR.....	60 dB
Connector.....	BNC

Data:

Data Rate.....	Up to 50 Kbps
Data Connector.....	5 pin screw terminal

Optical:

Wavelength.....	1300/1550 nm
Loss Budget (9/125µ).....	10 dB
Connector.....	FC/PC

Temperature (Operating):

-40°C to +75°C, non-condensing

Power Supply:

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

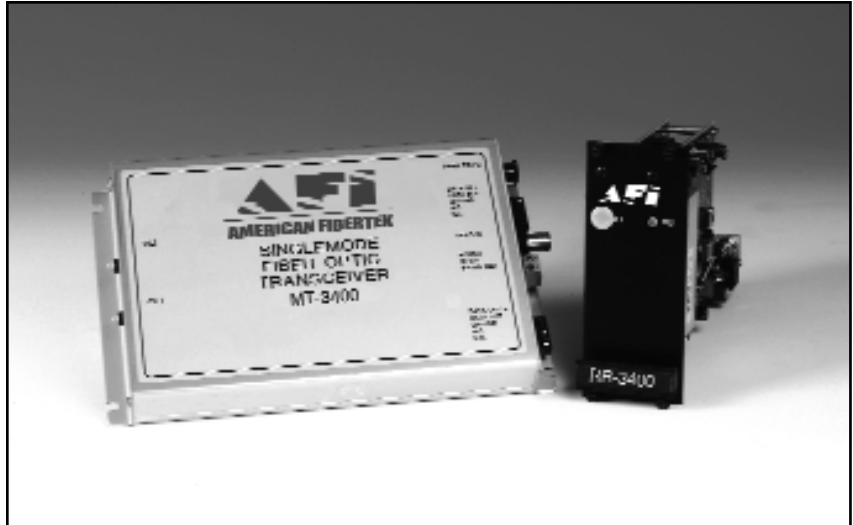
Size:

Module - 8" x 6½" x 1½"
Rack Card requires two rack slots - 6½" x 2" x 5"

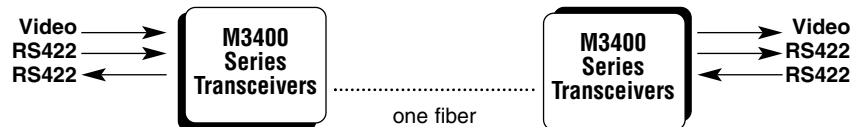
ORDERING INFORMATION:

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

Example: MTM-3400 to RRM-3400



The American Fibertek M3400 Series transmits high-quality, simultaneous video and bi-directional RS422 on one single-mode optical fiber. These systems require 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.



• For multimode product equivalent to the M3200B series please see the M1200B series product.