

M1400 SERIES MULTIMODE

afi

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



FEATURES:

- Video with Two Way RS422 Utilizing One Multimode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Optical AGC
- Full Color 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

Data:

Data Rate Up to 19.2 Kbps
Data Connector 5 pin screw terminal

Optical:

Wavelength 850/1300 nm
Loss Budget (62.5/125µ) 12 dB
Connector ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

Module - 12 VDC (AFI Part #: PS-12)
Power Consumption 3 Watts
Rack Card (See AFI Part #: SR-20D/2)
Power Consumption 3 Watts

Size:

Module - 4½" x 4¼" x 1⅞"
Rack Card - 6½" x 1" x 5"

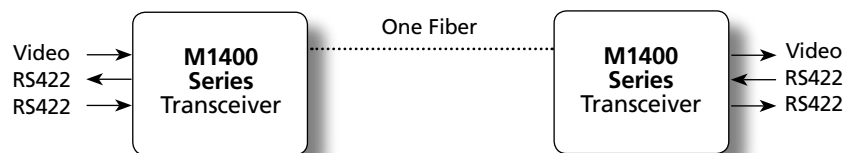
ORDERING INFORMATION:

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

Example: MTM-1400 to RRM-1400



The American Fibertek M1400 Series transmits high-quality, simultaneous video and bi-directional RS422 on one multimode 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-20D/2 or SR-20R/1.



**THE 3400 SERIES IS AVAILABLE
FOR SINGLEMODE APPLICATIONS**

SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY

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