



# Single Fiber Bi-directional Transceivers - Low Profile One-Way Video with Return AD or Bosch Code

**M1200B  
SERIES  
MULTIMODE**



### FEATURES:

- Video with Return AD or Bosch Code 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 50 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:

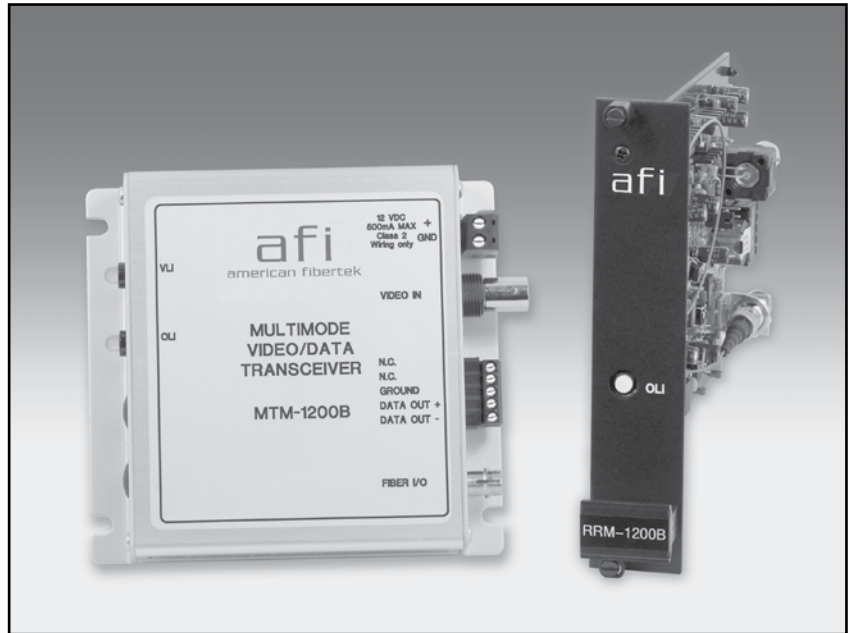
Module - 12 VDC (AFI Part #: PS-12)	
Power Consumption .....	3 Watts
Rack Card (See AFI Part #: SR-20D/2)	
Power Consumption .....	4 Watts

#### Size:

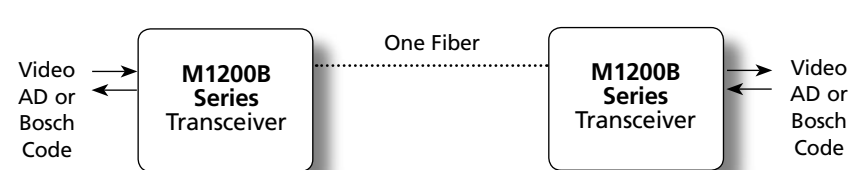
Module - 4½" x 4¼" x 1⅞"  
Rack Card - 6½" x 1" x 5"

### ORDERING INFORMATION:

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



The American Fibertek M1200B Series transmits high-quality, simultaneous video with return AD or Bosch Code 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 3200B SERIES IS AVAILABLE FOR SINGLEMODE APPLICATIONS**

SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY