



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 Level1 Vpp
I/O Impedance75 Ohms
Bandwidth8 MHz
Differential Gain5%
Differential Phase.....5°
SNR.....60 dB
Connector BNC

Data:

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

Optical:

Wavelength850/1300 nm
Loss Budget (62.5/125μ).....12 dB
ConnectorST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

Module - 12 VDC (AFI Part #: PS-12)
Power Consumption3 Watts
Rack Card (See AFI Part #: SR-20D/2)
Power Consumption4 Watts

Size:

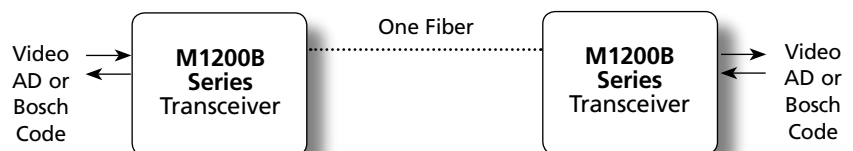
Module - 4½" x 4¼" x 1⅞"
Rack Card - 6½" x 1" x 5"

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