

M1200B SERIES MULTIMODE



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



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)
Rack Card - (See AFI Part #: SR-20/2)

Size:

Module - 3 1/4" x 1 1/8" x 5/8"
Rack Card requires one rack slot - 6 1/2" x 1" x 5"

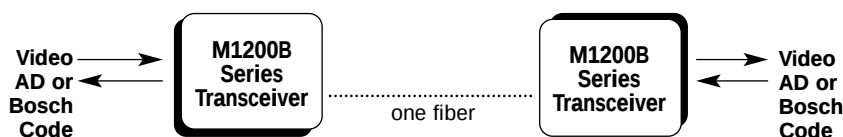
ORDERING INFORMATION:

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

Example: MTM-1200B to RRM-1200B



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-20/2 or SR-20R/1.



**THE 3200B SERIES IS AVAILABLE
FOR SINGLEMODE APPLICATIONS**