



M30 SERIES MULTIMODE

Three Channel Video Multimode FM Transmission System



FEATURES:

- Compatible with NTSC; RS – 170A & RS –343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- Economical
- PFM Video Transmission
- Three Channels Per Card

SPECIFICATIONS:

Video:

I/O Level.....	1 Vpp
I/O Impedance	75 Ohms
Bandwidth	10 MHz
Differential Gain.....	5%
Differential Phase.....	5°
SNR	60 dB
Connector	BNC

Optical:

Wavelength	850 nm
Loss Budget (62.5/125µ).....	12 dB
Maximum Transmission Distance	2.5 Km
Connector.....	ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

Rack Card – (see AFI Part #: SR –20/2)

Size:

Rack Card Requires one rack slot
6½" X 1 " X 5 "

ORDERING INFORMATION:

RTM-30 = Rack Card Transmitter - Video Source
RRM-30 = Rack Card Receiver - Control Site

Example: RTM-30 to RRM-30

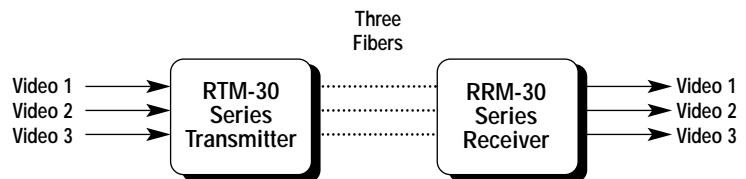


The American Fibertek M30 Series transmits and receives three channels of high-quality video on three multimode optical fibers using FM transmission. This system is designed to be completely transparent to all camera and monitor manufacturers. Products require no field adjustments at installation or additional maintenance thereafter. Diagnostic Indicators provide a quick visual indication of system status. The M30 Series are ordered as rack cards and are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

PRODUCT INFORMATION:

MRM-100 Module FM Receivers
RRM-30 Rack Card FM Receivers
RRM-100 Rack Card FM Receivers

MTM-100 Module FM Transmitters
RTM-30 Rack Card Transmitters
RTM-100 Rack Card Transmitters



RTM-30 transmitter is compatible with:

- MRM-100 Mini Module Receiver
- RRM-100 Rack Card Receiver
- RRM-30 Rack Card 3-up Receiver

RRM-30 receiver is compatible with:

- MTM-100 Mini Module Transmitter
- RTM-100 Rack Card Transmitter
- RTM-30 Rack Card 3-up Transmitter