



M30 SERIES MULTIMODE

Three 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
- ◆ FM Video Transmission
- ◆ Three Channels Per Card

SPECIFICATIONS:

Video:

I/O Level 1Vp-p
 I/O Impedance..... 75 Ω
 Bandwidth..... 10 MHz
 Differential Gain 5%
 Differential Phase..... 3°
 SNR 60 dB
 Connector..... BNC

Optical:

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

Temperature (Operating):

-40°C to +75°C, non-condensing

Power Supply:

Rack Card – (see AFI Part #: SR –20/1)

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 RTM/RRM-30 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 30 Series are ordered as rack cards and are mounted in the American Fibertek Card Cages: SR-20/1, SR-20/2 or SR-20R/1. These units are compatible with the M100 series of single channel video transmitters and receivers.

RTM-30 Transmitter is compatible with:

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

RRM-30 Receiver is compatible with:

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

