Video FM Transmission System

(Rackcard Installable into the IFS R3 Subrack)

M20C-R3 SERIES
MULTIMODE

Features:

- Compatible with NTSC; RS – 170A & RS –343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- Economical
- FM Video Transmission
- Up to Two Channels Per Rackcard
- Available in 1300nm multimode and singlemode (for longer transmission distances)

SPECIFICATIONS:

Video:
I/0 Level 1Vp-p
I/0 Impedance ..... 75 Ω
Bandwidth ..... 8 MHZ
Differential Gain 5%
Differential Phase ..... 3°
SNR ..... 60 dB
Connector ..... BNC

Optical:
Wavelength 850nm
Loss Budget (62.5/1/25µ) 12dB
Maximum Transmission Distance ..... 2.5 km
Connector ..... ST

Temperature (Operating):
-40°C to +75°C, non-condensing

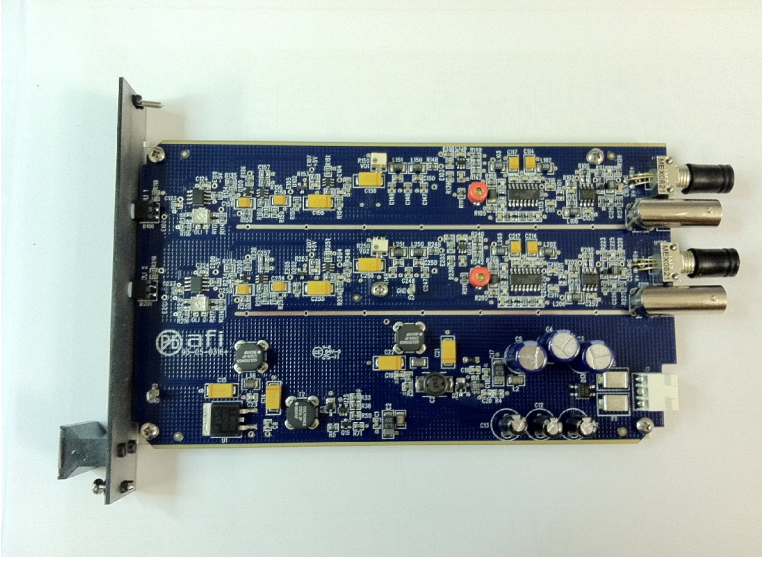
Power Supply:
Module : 12Vdc at 100 mA (PS12-1)
Rack Card : (IFS R3)

Size:
Module ..... 3" x 2" x 1"
Rack Card Requires one IFS R3 rack slot

Ordering information:
MTM-100C = Single Channel Module Transmitter
RRM-100C-R3 = Single Channel Rack Card Receiver
RRM-20C-R3= Dual Channel Rack Card Receiver

Example:
MTM-100C to RRM-20C-R3

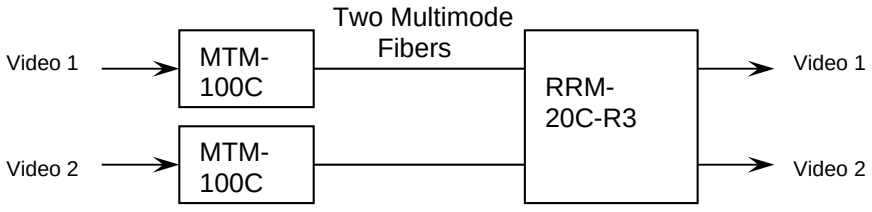
8/11/11 JPK



The American Fibertek M100C-R3 Series transmits and receives high-quality video on multimode optical fibers using FM transmission. The M100C-R3 Series consists of an AFI MTM-100C transmitter and a single channel RRM-100C-R3 rackcard receiver. A dual channel RRM-20C-R3 rackcard receiver is also available.

The rackcard receiver is mechanically and power supply compatible with the IFS R3 sub rack and power supply. This provides one an option to add an AFI product to an existing IFS-R3 subrack. However, an AFI module transmitter must be used with the AFI RRM-20C-R3 receiver.

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.



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