Single Channel FM Video Transmission System
Low Profile / Mini / High Density

M301CE / M31C SERIES
MULTIMODE

FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- Small Profile
- PFM Video 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

Optical:

Wavelength ..... 1310 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)
Power Consumption .....2.5 Watts
Rack Card (See AFI Part #: SR-20/2)
Power Consumption (M-301C) .....2.5 Watts
Power Consumption (M-31C).....7 Watts

Size:

Low Profile Module - 3⅛" x 3.5" x 1⅛"
Rack Card - 6½" x 1" x 5"

ORDERING INFORMATION:

MTM-301CE	Module Transmitter
RTM-301C	Rack Card Transmitter
MRM-301CE	Module Receiver
RRM-301C	Rack Card Receiver
RRM-31C	3-up Rack Card Receiver

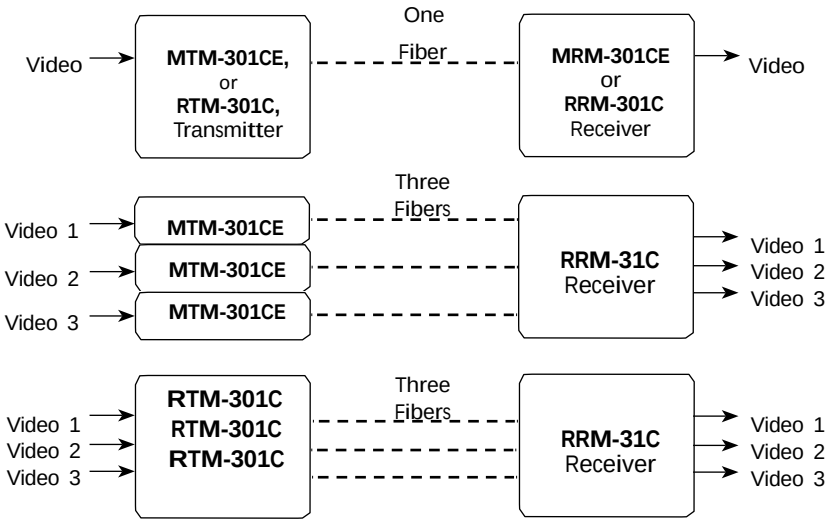
Example:

MTM-301CE to RRM-31C

Note: This is a High Density Fiber Solution that allows up to 42 videos to be received with one SR-20/2 subrack.

The American Fibertek M-301CE Series transmits one channel of high-quality, FM video on one multimode optical fiber. The American Fibertek M-31C Series is capable of receiving three channels of high-quality FM video on three multimode optical fibers. All units operate at 1310 nm for extended range applications and are compatible across the series. Designed to be completely transparent to all camera and monitor manufacturers, the system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status.

The M-301CE Series may be ordered as stand alone low profile modules or rack cards that are mounted in the SR-20/2 or SR-20H/2 American Fibertek Card Cages. The M-31C Series receivers are ordered as rack cards to be mounted in the SR-20/2 or SR-20H/2.



11/10/17JPK

american fibertek inc. 120 Belmont Drive, Somerset, NJ, USA 08873-1204
Phone: 732-302-0660 FAX: 732-302-0667 Toll Free: 877-234-7200 Email: mail@americanfibertek.com