

**880C  
SERIES  
MULTIMODE  
SINGLEMODE**

# Single Fiber Eight Channel FM Video System



**FEATURES:**

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- Real Time Video Transmission
- Wall or Rack Mount
- PFM Video Transmission

**SPECIFICATIONS:**

**Video:**

1/0 Level.....	1 Vp-p
I/O Impedance.....	75 Ohms
Bandwidth.....	10 MHz
Differential Gain.....	5%
Differential Phase.....	3°
SNR.....	55 dB
Connector.....	BNC

**Optical (880C Series):**

Wavelength.....	1300/1550 nm
Maximum Transmission Distance:.....	5 Km
Loss Budget (62.5/125μ):.....	12 dB
Connector.....	ST

**Optical (880C-SL Series):**

Wavelength.....	1300/1550 nm
Loss Budget (9/125μ):.....	12 dB
Connector.....	FC/PC

**Temperature (Operating)**

-40°C to +74°C, non-condensing

**Power Supply:**

Universal Power Input: 85 to 264 VAC  
at 47 to 63 Hz, 40 Watts Maximum

**Size:**

12" Deep x 19" Wide x 1¾" (1RU) High

**MULTIMODE ORDERING INFORMATION:**

MRT-880C = Module/Rack Transmitter  
MRR-880C = Module/Rack Receiver

**SINGLEMODE ORDERING INFORMATION:**

MRT-880C-SL = Module/Rack Transmitter  
MRR-880C-SL = Module/Rack Receiver

**Example:**

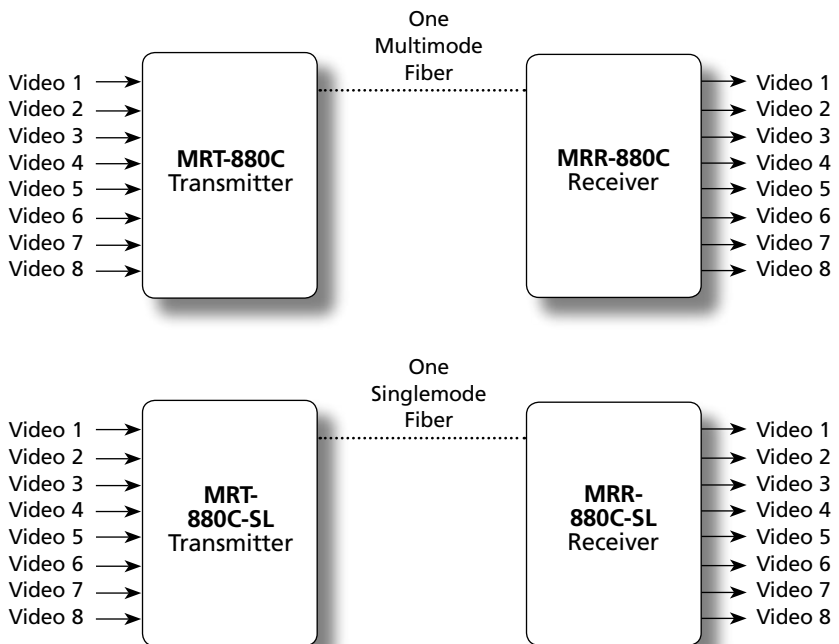
*MRT-880C to MRR-880C*

**Example:**

*MRT-880C-SL to MRR-880C-SL*



The American Fibertek 880C Series transmit eight channels of high-quality, FM video on one multimode optical fiber. The 880C-SL Series transmit eight channels of high-quality, FM video on one singlemode optical fiber. Designed to be completely transparent to all camera and monitor manufacturers, the system requires no field adjustments at installation or additional maintenance thereafter. Equipment may be mounted as stand alone modules or mounted directly into a standard EIA 19" rack by the position of the mounting brackets.



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