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Eight Channel Digital Video Transmission System

8V →

FEATURES:
- Compatible with NTSC; RS-170A & RS-343A and PAL
- 10 Bit Digital Video Transmission
- Diagnostics: Video, DC Power, Digital Frame Sync, and Optical Presence
- Serial Digital Transmission
- Available with Enhanced "Afinety" Intelligent Monitoring System

SPECIFICATIONS:

Video:
I/O Level	1 Vpp (±3 dB)
I/O Impedance	75 Ohms
Bandwidth	7 MHz
Differential Gain	2%
Differential Phase	0.7 °
SNR	65 dB
Connector	BNC

Optical (980 Series):
Wavelength	1310 nm
Loss Budget (62.5/125µ)	12 dB
Maximum Transmission Distance	1 Km
Connector	ST

Optical (980SL Series):
Wavelength	1310 nm
Loss Budget (9/125µ):	15 dB
Connector	FC/PC

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

Power Supply:
Module - 12 VDC (AFI Part #: PS-12D)
  Power Consumption ....12 Watts
1RU High Module/Rack Unit:
  Universal Power Input: 100 to 240 VAC
  at 47 to 63 Hz, 40 Watts Maximum
Rack Card (See AFI Part #: SR-20D/2)
  Power Consumption ....13 Watts

Size:
Stand Alone Module - 8⅛" x 4⅛" x 2⅛"
1RU High Module/Rack Unit:
  12" Deep x 19" Wide x 1¾"
Rack Card - 6½" x 2" x 5"
  Note: Rack Card Requires Two Slots

MULTIMODE ORDERING INFORMATION:
MT-980 = Module Transmitter
MRT-980 = Module/Rack Transmitter
RT-980 = Rack Card Transmitter
MR-980 = Module Receiver
MRR-980 = Module/Rack Receiver
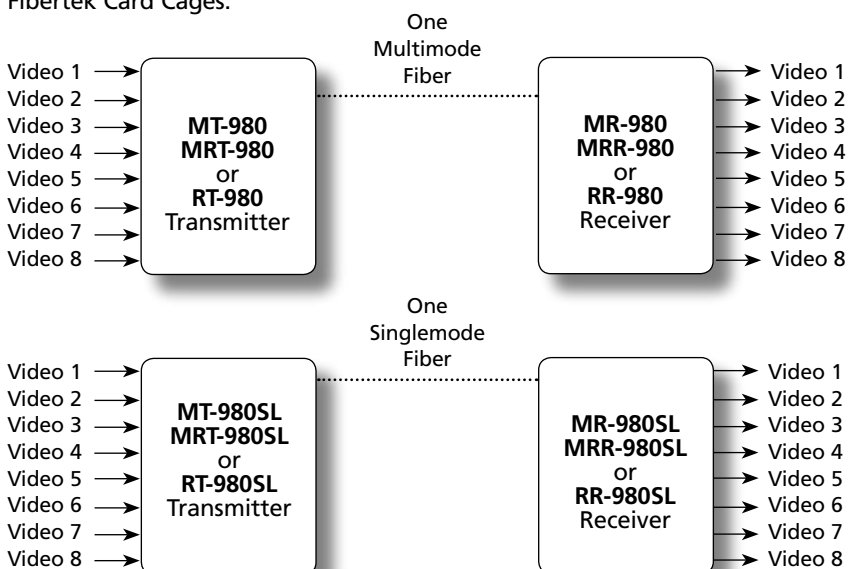RR-980 = Rack Card Receiver

SINGLEMODE ORDERING INFORMATION:
MT-980SL = Module Transmitter
MRT-980SL = Module/Rack Transmitter
RT-980SL = Rack Card Transmitter
MR-980SL = Module Receiver
MRR-980SL = Module/Rack Receiver
RR-980SL = Rack Card Receiver

The American Fibertek 980 Series transmits eight channels of high-quality, 10 bit digitized video on one multimode optical fiber. The 980SL Series transmits eight channels of high-quality, 10 bit digitized 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. Diagnostic indicators provide a quick visual indication of system status. **The "Afinety" intelligent remote monitoring system is available on this product, please consult factory.**

Equipment may be ordered as stand alone modules, 1RU units that can be mounted either as stand alone modules or directly into a standard EIA 19" rack, or as rack cards that are mounted in the SR-20D/2 or SR-20R/1 American Fibertek Card Cages.

One Multimode Fiber

Video 1 →		→ Video 1
Video 2 →	**MT-980**	→ Video 2
Video 3 →	**MRT-980**	→ Video 3
Video 4 →	or	→ Video 4
Video 5 →	**RT-980**	→ Video 5
Video 6 →	Transmitter	→ Video 6
Video 7 →		→ Video 7
Video 8 →		→ Video 8

MR-980 / MRR-980 or RR-980 Receiver

One Singlemode Fiber

Video 1 →		→ Video 1
Video 2 →	**MT-980SL**	→ Video 2
Video 3 →	**MRT-980SL**	→ Video 3
Video 4 →	or	→ Video 4
Video 5 →	**RT-980SL**	→ Video 5
Video 6 →	Transmitter	→ Video 6
Video 7 →		→ Video 7
Video 8 →		→ Video 8

MR-980SL / MRR-980SL or RR-980SL Receiver

SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY

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