

**SINGLE CHANNEL DIGITAL VIDEO SYSTEM**

**Features:**

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI
- ◆ 10 Bit Digital Video Transmission
- ◆ Serial Digital Transmission

**Specifications:**

**Video:**

I/O Level ..... 1 Vp-p (±3 dB)  
 I/O Impedance ..... 75 Ohms  
 Bandwidth ..... 7 MHz  
 Differential Gain ..... 2 %  
 Differential Phase ..... 0.7 °  
 SNR (Unified Weighted) ..... 67 dB  
 Connector ..... BNC

**Optical:**

Wavelength ..... 1310nm  
 Loss Budget (9/125µ) ..... 21 dB  
 Transmission Distance ..... 40 km  
 Connector ..... FC/ST

**Temperature (Operating)**

-40°C to +75°C, non-condensing

**Power Supply:**

Module – 12 VDC (AFI Part # PS-12D)  
 Rack Card – AFI SR 20/2

**Size:**

Module ..... 4¼" x 4¼" x 1⅛"  
 Rack Card requires -1 rack slot– 6½"x5"x1"

**Product Ordering Information:**

MTM-910SL Module Transmitter  
 MRM-910SL Module Receiver

RRM-910SL Rack Card Receiver  
 1 Channel

RRM-920SL Rack Card Receiver  
 2 Channels

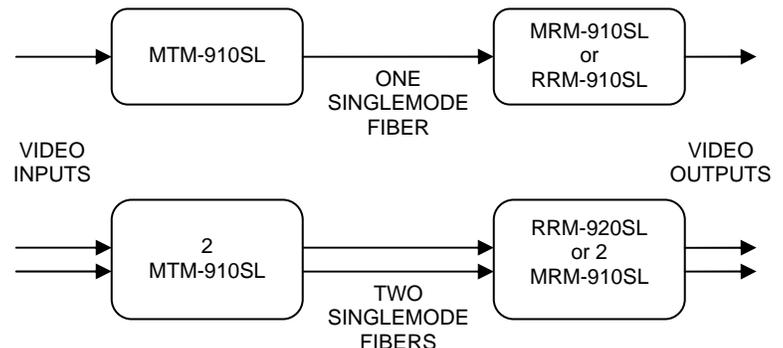
Add - ST to order with ST optical connectors  
 FC is the default optical connector



The American Fibertek M910SL Series transmits one channel of high-quality 10 bit digitized video on one singlemode optical fiber over a distance of up to 40 km. The receiver rack cards are available in a single channel M910SL or a two channel M920SL configuration. The M920SL utilizes 2 fibers, one for each channel.

Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20H/2(redundant power supply).



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