



# Single Fiber Transceiver 4 Digital Video & 1 Digital Bi-directional Audio

**FEATURES:**

- Compatible with NTSC; RS-170A, RS-343A and PAL
- Real-time 10-bit video
- Real-time 24-bit audio
- Diagnostics: Video, Audio, Power & Optical Presence
- Line Level Audio Interface

**SPECIFICATIONS:**

**Video:(4)**

- I/O Level ..... 1Vp-p
- I/O Impedance ..... 75 Ω
- Bandwidth ..... 7 MHz
- Differential Gain ..... 2%
- Differential Phase..... 0.7°
- SNR ..... 65 dB
- Connector ..... BNC

**Audio:**

- I/O Level (balanced) .....0 dBm
- Impedance..... 600 ohms
- Bandwidth ..... 20 Hz to 20 KHz
- THD @ 1 KHz ..... 0.1%
- SNR ..... 80 dB
- Connector ..... Terminal Block

**Optical:**

- Wavelength.....1300/1550 nm
- Loss Budget (9/125 μm)..... 21 dB
- Connector.....FC

**Temperature (Operating)**

-40°C to +75°C, non-condensing

**Power Supply:**

- Module - 12 VDC AFI PS-12D+
- Rack Card - AFI SR 20/2

**Size:**

- Module - .....8 1/8" x 4 1/8" x 1 5/8"
- Rack Card (2 rack slots).....6 1/2" x 2"x 5"



Photo of a similar product

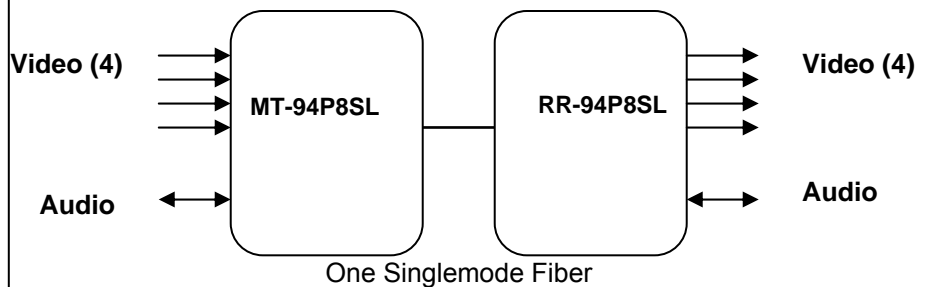
The American Fibertek 94P8SL Series transmits 4 high-quality, state of the art, 10 bit digital video with 1 high-quality 24 bit digitized bi-directional audio channels on one singlemode optical fiber.

Designed to be completely transparent, 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: SR20/2 and SR20H/2 (redundant power supply).

**Product Ordering Information:**

- MT-94P8SL                   Module Transmitter
- MR-94P8SL                   Module Receiver
- RT-94P8SL                   Rack Card Transmitter
- RR-94P8SL                   Rack Card Receiver



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