



Single Fiber Transceiver 4 Digital Video & 2 Bi-directional Audio

FEATURES:

- Compatible with NTSC; RS-170A, RS-343A and PAL
- Real-time 8-bit video
- Diagnostics: Video, 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..... 60 dB
 Connector..... BNC

Audio:(2)

I/O Level (balanced) 0 dBm
 Impedance..... 600 ohms
 Bandwidth 20 Hz to 10 KHz
 THD @ 1 KHz 1%
 SNR..... 75 dB
 Connector Terminal Block

Optical:

Wavelength..... 1300/1550 nm
 Loss Budget (62.5/125 μm) 12 dB
 Distance (limited by fiber dispersion)....2 km
 Connector.....ST

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"



The American Fibertek 94P88 Series transmits 4 high-quality, state of the art, digital video with 2 bi-directional audio channels on one multimode 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 Cage: SR20/2.

Product Ordering Information:

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|----------|-----------------------|
| MT-94P88 | Module Transmitter |
| MR-94P88 | Module Receiver |
| RT-94P88 | Rack Card Transmitter |
| RR-94P88 | Rack Card Receiver |

