

Single Fiber Transceiver 2 Digital Video & 1 Digital Bi-directional Audio

FEATURES:

- •Compatible with NTSC; RS-170A, RS-343A and PAL
- Real-time 8-bit video
- Real-time 24-bit audio
- Diagnostics: Video, Audio, Power & Optical Presence
- Line Level Audio Interface

SPECIFICATIONS:

Video:	(2)
video:	(2)

I/0 Level	1Vp-p
I/0 Impedance	. 75 Ω
Bandwidth	7 MHz
Differential Gain	2%
Differential Phase	0.7°
SNR	60 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 (62/12	25 µm) 1	8 dB
Distance (limited by	/ fiber)	.2km
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:



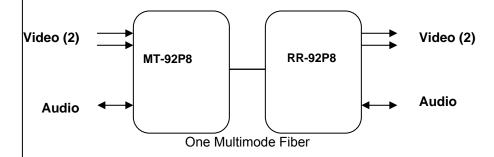
The American Fibertek 92P8 Series transmits 2 high-quality, state of the art, 8 bit digital video with 1 high-quality 24 bit digitized bi-directional audio channels on one multimode optical fiber.

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 Cages: SR20/2 and SR20H/2 (redundant power supply).

Product Ordering Information:

MT-92P8 Module Transmitter
MR-92P8 Module Receiver
RT-92P8 Rack Card Transmitter
RR-92P8 Rack Card Receiver



1/12/14 JPK

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