



Single Fiber Transceiver 2 Digital Video and 2 Bi-directional Contact Closures

FEATURES:

- Compatible with NTSC; RS-170A, RS-343A and PAL
- Diagnostics: Video, Contact, Power & Optical Presence
- Digital Video Transmission

SPECIFICATIONS:

Video:

Two Channels:

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

Contact Closure:

Two Channels:

Input	Switch Closure to Ground
Output	Dry Contact
Response Time	2 mS
Max Voltage	30 VDC or Peak AC
Max Current	0.5 A
Connector	Terminal Block

Optical:

Wavelength	1300/1550 nm
Loss Budget (62.5/125 μm)	12 dB
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 92P99 Series transmits 2 high-quality, state of the art digital video with 2 bi-directional contact closure 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: SR-20/2.

Product Ordering Information:

MT-92P99	Module Transmitter
MR-92P99	Module Receiver
RT-92P99	Rack Card Transmitter
RR-92P99	Rack Card Receiver

