



Single Fiber Transceiver 2 Digital Video & 1 Multi-Protocol Data

FEATURES:

- Compatible with NTSC; RS-170A, RS-343A and PAL
- Diagnostics: Video, Data, Power & Optical Presence
- High Speed, Full Duplex Data
- Multi-Protocol Data
- Available for singlemode fiber
- Available with extended distances

SPECIFICATIONS:

Video:(2)

I/O Level 1Vp-p
 I/O Impedance 75 Ω
 Bandwidth 7 MHz
 Differential Gain 2%
 Differential Phase 0.7°
 SNR 55 dB
 Connector BNC

Data:

Interface Selectable Multi-protocol
 Choice of: RS-485 (2 or 4 wire),
 RS-422,
 RS-232
 Manchester

Format Asynchronous
 Rate DC to 115 Kbit/s
 Connector Terminal Block

Optical:

Wavelength 1310/1550 nm
 Loss Budget (62/125 μm) 18 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:

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 92P5 Series transmits 2 high-quality, state of the art digital video and 1 bi-directional multi-protocol data channel 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: SR-20/2 or SR20H/2 (redundant power supply).

Product Ordering Information:

- MT-92P5 Module Transmitter
- MR-92P5 Module Receiver
- RT-92P5 Rack Card Transmitter
- RR-92P5 Rack Card Receiver

