

Single Fiber 3 Channel Bi-directional Multi-Protocol Data Transceiver:

FEATURES:

- Diagnostics: Data, Contact, Power & Optical Presence
- Auto Resettable Fuses on Power Lines

SPECIFICATIONS:

Data :

Interface....
485(2 or 4 Wire)
RS422
RS232
Data Format.....Asynchronous, Serial
Data Rate..... DC to 115 Kbs
Connector Terminal Block

Optical:

Wavelength.....1310/1550 nm
Loss Budget (62/125µ)..... 15 dB
Distance.....(limited by fiber) 8km
Connector.....ST

Environmental

Operating Temp.....-40°C to +75°C
Storage Temp.....-40°C to +85°C
Humidity.....0% to 95% (non condensing)
MTBF.....>100,000 hours

Power Supply:

Module – 12 VDC (AFI Part # PS-12D)
Rack Card – AFI SR 20/2

Size:

Module -..... 8 1/8" x 4 1/8" x 1 1/8"
Rack Card requires 1 rack slot – 6 1/2" x 1"x5"

Product Ordering Information:

MT-9P555	Module Transmitter
MR-9P555	Module Receiver
RT-9P555	Rack Card Transmitter
RR-9P555	Rack Card Receiver



The American Fibertek 9P555 Series transmits up to 3 channels of multi-protocol data on one multimode optical fiber. This link is capable of providing an optical loss budget of 15 dB utilizing 1310nm/1550nm wavelength lasers.

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 option).

