



**9P5E  
Series  
Multimode**

**(2 ports) 10/100Base-TX Ethernet, (1) Multi-Protocol Data Channels Transceiver**

**SPECIFICATIONS:**

**Ethernet: (2 ports)**

Data Rate:  
Auto negotiated.....10/100 Mb/s  
Connector.....RJ45

**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.....1300/1550nm  
Loss Budget (62/125µ)..... 12 dB  
Distance.....2 km  
Connector.....ST

**Temperature (Operating)**

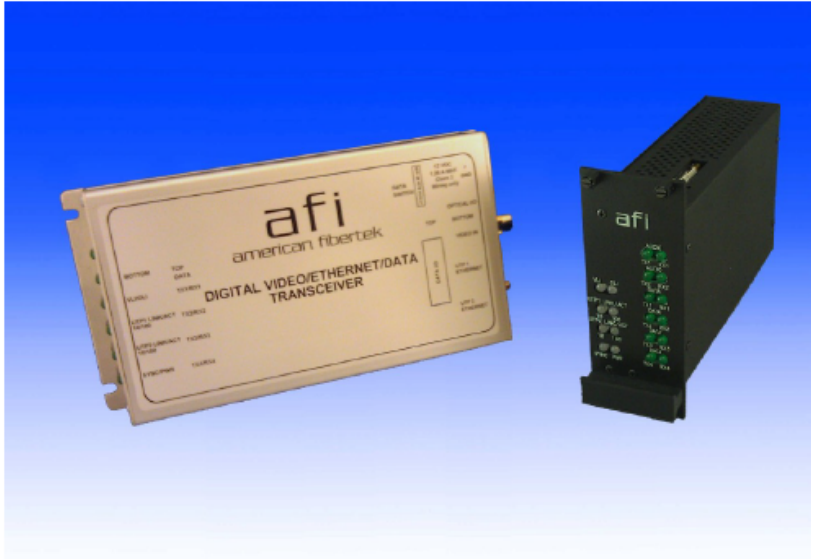
-40°C to +75°C, non-condensing

**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 5/8"  
Rack Card (2 rack slots).....6 1/2" x 2" x 5"



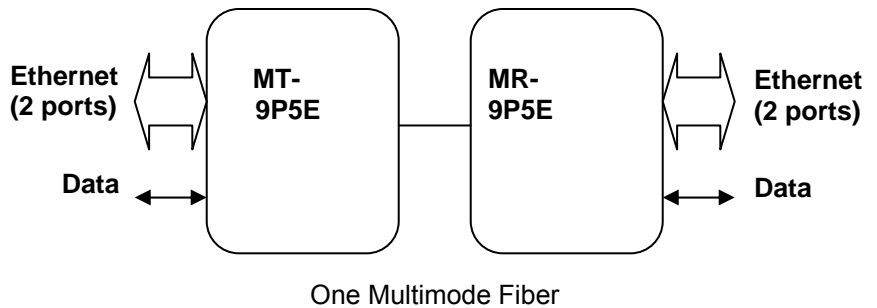
The American Fibertek 91P5E Series transmits (2 ports) 10/100Base-TX Ethernet, and (1) Multi-Protocol Data Channel on one multimode optical fiber. Diagnostic indicators provide a quick visual indication of system status.

Designed to be completely transparent, this system requires no field adjustments at installation or additional maintenance thereafter.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR20/2 or SR20H/2 (redundant power supplies).

**Product Ordering Information:**

- |         |                       |
|---------|-----------------------|
| MT-9P5E | Module Transmitter    |
| MR-9P5E | Module Receiver       |
| RT-9P5E | Rack Card Transmitter |
| RR-9P5E | Rack Card Receiver    |



9/1/15 JPK