



**9P9E
Series
Multimode**

**Two 10/100Base-TX Ethernet Ports &
One Bi-directional Contact Closure Channel**

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Auto MDI / MDIX Detection
- ◆ Auto Negotiate 10/100 Ports
- ◆ Link and Activity Indicators for UTP and Fiber
- ◆ OLI and Contact Indicators

SPECIFICATIONS:

Ethernet: (2 ports)

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

Optical:

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

Contact Closure:

Input..... Switch Closure to Ground
Output..... Dry Contact
Response Time.....2 mS
Max Voltage..... 100 VDC or Peak AC
Max Current.....0.5 A
Connector..... Terminal Block

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 5/8"
Rack Card-2 rack slot6 1/2" x 2" x 5"

Product Ordering Information:

- MT-9P9E Module Transmitter
- MR-9P9E Module Receiver
- RT-9P9E Rack Card Transmitter
- RR-9P9E Rack Card Receiver

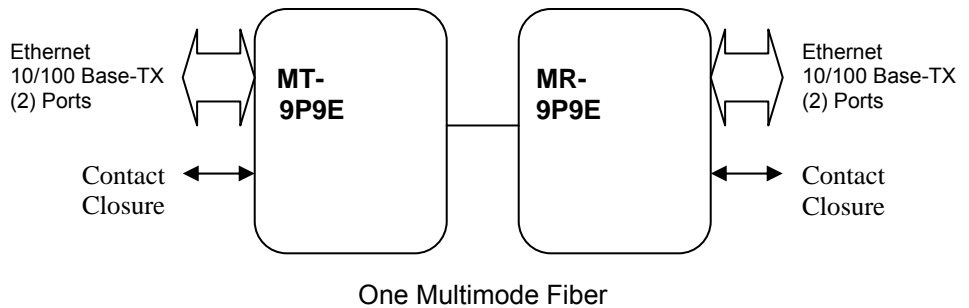


The American Fibertek 9P9E Series accommodates 2 ports of 10/100Base-TX Ethernet and 1 bi-directional contact closure channel on one multimode optical fiber.

Auto MDI/MDIX operation on the Ethernet ports eliminates the potential need for crossover cables. 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. No setup or configuration of the contact channels are required.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20H/2 (redundant power supply option).



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