



**9P99E-SL
Series
Singlemode**

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

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 (9/125μ)..... 21 dB
Distance.....30 km
Connector.....FC

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 -8¹/₈"x4¹/₈"x1⁵/₈"
Rack Card-2 rack slot6¹/₂"x2"x5"

Product Ordering Information:

MT-9P99E-SL Module Transmitter
MR-9P99E-SL Module Receiver
RT-9P99E-SL Rack Card Transmitter
RR-9P99E-SL Rack Card Receiver



The American Fibertek 9P99E-SL Series accommodates 2 ports of 10/100Base-TX Ethernet and 2 bi-directional contact closure channels on one singlemode 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.

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).

