



**91PE-SL  
Series  
Singlemode**

# One Way Digital Video, (2) 10/100Base-TX Ports Ethernet Transceiver

**Features:**

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI, Data Activity
- ◆ Available with Enhanced "Afinety" Intelligent Monitoring System
- ◆ Digital Video Transmission
- ◆ 2 Ports – 10/100Base-TX

**SPECIFICATIONS:**

**Video:**

I/O Level .....	1Vp-p
I/O Impedance .....	75 Ω
Bandwidth .....	7 MHz
Differential Gain .....	2%
Differential Phase .....	0.7°
SNR.....	60 dB
Connector.....	BNC

**Ethernet: (2 ports)**

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

**Optical:**

Wavelength.....	1300/1550nm
Loss Budget (9/125μ).....	20 dB
Distance.....	40 km
Connector.....	FC

**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 –..... 81/8" x 41/8 x 11/8 " "  
Rack Card requires - 1 rack slot– 6½"x5"x1"



The American Fibertek 91PE-SL Series transmits high-quality, state of the art, 10-bit digital video and (2) 10/100Base-TX Ethernet ports one singlemode optical fiber.

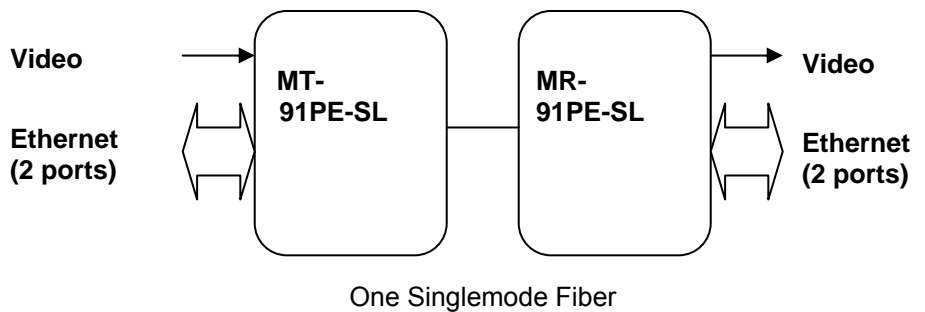
The system is designed to be completely transparent with auto negotiation features which automatically configures the unit for the correct speed (10/100 BaseTX). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cage: SR20/2.

The "Afinety" intelligent remote monitoring system is available on this product, please consult factory.

**Product Ordering Information:**

MT-91PE-SL	Module Transmitter
MR-91PE-SL	Module Receiver
RT-91PE-SL	Rack Card Transmitter
RR-91PE-SL	Rack Card Receiver



7/10/12 JPK