9P8SL **Series Singlemode**

Single Fiber Bi-directional Digital 24 Bit Audio

FEATURES:

- 24Bit Digital Audio
- Diagnostics: Audio, Power & Optical Presence
- Automatic Resettable Fuses on **Power Lines**

SPECIFICATIONS:

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Audio:
I/O Level @ 600 Ohms0 dBm
Bandwidth20 Hz to 10 KHz
THD @ 1 KHz1%
SNR80 dB
Connector Terminal Block

Optical:

Wavelength	1310/1550nm
Loss Budget (9/125	μ) 21dB
Connector	FC

Environmental

Operating Temp	40°C to +75°C
Storage Temp	40°C to +85°C
Humidity0% 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 11/8" Rack Card 1 rack slot -... 6½" x1"x 5"

Product Ordering Information:

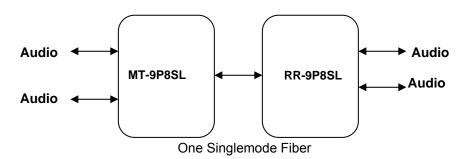
MT-9P8SL Module Transmitter MR-9P8SL Module Receiver RT-9P8SL Rack Card Transmitter RR-9P8SL Rack Card Receiver



The American Fibertek 9P8SL Series transmits 1 bi-directional highquality, state of the art, 24bit digital audio channel on one singlemode optical fiber. This link is capable of providing an optical loss budget of 21dB 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 SR-20H/2 (redundant power supply option).



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