



**Single Fiber
Bi-directional Digital 24 Bit Audio**

FEATURES:

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

SPECIFICATIONS:

Audio:

I/O Level @ 600 Ohms0 dBm
 Bandwidth 20 Hz to 10 KHz
 THD @ 1 KHz 1%
 SNR 80 dB
 Connector Terminal Block

Optical:

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

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 1/8"
 Rack Card 1 rack slot –.... 6 1/2" x 1" 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 high-quality, 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).

