

FM Audio/Video System-1300 nm



FEATURES:

- Video with Audio Utilizing One Singlemode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- PFM Modulated Video
- FM Modulated Audio
- Full Color Transmission
- 12 VDC Standard
- No User or Installation Adjustments

SPECIFICATIONS:

Video:

I/O Level	1 Vpp
I/O Impedance	75 Ohms
Bandwidth8 MHz
Differential Gain4%
Differential Phase	4°
SNR	60 dB
Connector	BNC

Audio:

I/O Level	0 dBm
I/O Impedance	600 Ohms Balanced
Bandwidth	20 Hz to 10 KHz
THD @ 1 KHz	1%
SNR	55 dB
Connector	3 pin screw terminal

Optical:

Wavelength	1300 nm
Loss Budget (9/125μ)	21 dB
Dynamic Range	16 dB
Minimum Attenuation5 dB
Connector	FC/PC

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module 12 VDC (AFI Part #: PS-12)
Rack Card (See AFI Part #: SR-20/2)

Size:

Module - 3¾" x 5½" x 1½"
Rack Card requires one rack slot - 6½" x 1" x 5"

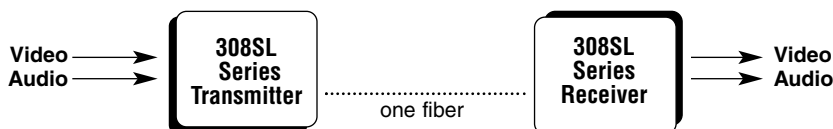
ORDERING INFORMATION:

- MT = Module Transmitter - Video/Audio Input
- MR = Module Receiver - Video/Audio Output
- RT = Rack Card Transmitter - Video/Audio Input
- RR = Rack Card Receiver - Video/Audio Output

Example: MT-308SL to RR-308SL



The American Fibertek 308SL Series transmits high-quality, simultaneous FM video and audio on one singlemode optical fiber. These systems are an excellent choice for demanding audio/video distribution or distance learning applications. Designed to be completely transparent, these systems require 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-20R/1.



- For multimode product equivalent to the 308SL series please see the 108 or 308 series product