

8410SL SERIES SINGLEMODE



Single Fiber Four Channel FM Video with Bi-directional SensorNet

FEATURES:

- Compatible with NTSC; RS-170A & RRS-343A and PAL
- Diagnostics: Video, Data, Power and Optical Presence
- Full Color Transmission
- Real Time Video Transmission
- Compatible with 500 Series Audio/Data Modulators & Demodulators
- Switch Selectable Termination and Fail Safe Bias
- PFM Transmission
- Wall or Rack Mount

SPECIFICATIONS:

Video:
 I/O Level.....1 Vpp
 I/O Impedance.....75 Ohms
 Bandwidth.....10 MHz
 Differential Gain.....5 %
 Differential Phase......3 °
 SNR.....55 dB
 Connector.....BNC

Data:
 Data Rate.....230.4 Kbps
 Data Connector.....5 Pin Screw Terminal

Optical:
 Wavelength.....1300/1550 nm
 Loss Budget (9/125μ):.....12 dB
 Connector.....FC/PC

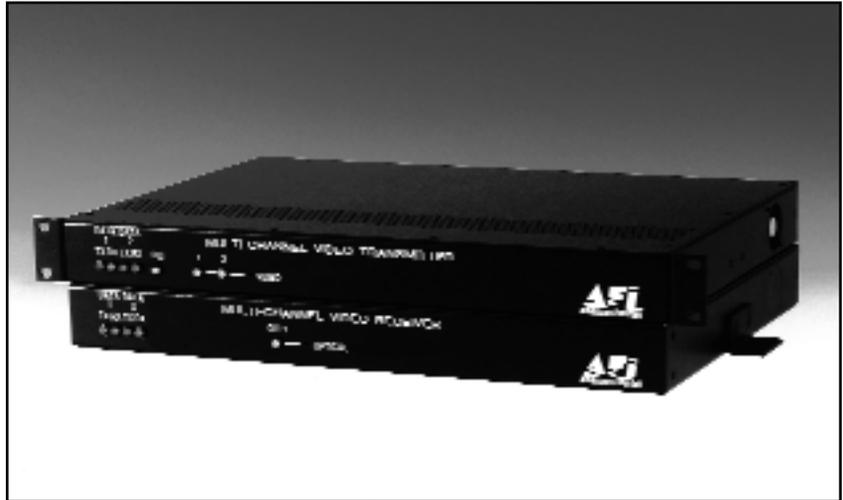
Temperature (Operating):
 -40°C to +75°C, non-condensing

Power Supply:
 Universal Power Input
 85 to 264 VAC, 47 to 63 Hz
 40 Watts Max.

Size:
 1RU High, 19" Wide, 12" Deep

ORDERING INFORMATION:

MTX = Video/Data Transmitter/Data Receiver
 MRX = Video/Data Receiver/Data Transmitter



The American Fibertek 8210SL Series transmits four channels of high-quality video with bi-directional SensorNet data on one singlemode optical fiber. Included in the circuit design is the ability to select data line termination. Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. In addition, two sub-carriers can be added to each video channel using the 500 Series modulators and demodulators. Equipment may be mounted as stand alone modules or rack units by the position of the mounting brackets.

