

**8823SL**  
**SELECTA-CODE**  
**SERIES**  
**SINGLEMODE**



AD/Bosch Code RS232

# Single Fiber Eight Channel FM Video with Bi-directional RS232 and Return AD/Bosch Code

**FEATURES:**

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Data, Power and Optical Presence
- AD/Bosch Code
- Bi-directional (1) RS232 Signal
- Full Color Transmission
- Real Time Video Transmission
- Compatible with 500 Series Audio/Data Modulators & Demodulators
- 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 .....up to 50 Kbps
- Data Connector .....8 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/RS232Transmitter/Data/RS232 Receiver
- MRX = Video/Data/RS232 Receiver/RS232 Transmitter



The American Fibertek 8823SL Series transmits four channels of high-quality video with bi-directional RS232 and return AD/Bosch Code on a singlemode optical fiber. 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.

