



**8885C-SL  
SERIES  
SINGLEMODE**

**SINGLE FIBER EIGHT-CHANNEL FM VIDEO  
With Bi-directional RS485 or RS422 and RS232**

**Features:**

- ◆ Compatible with NTSC; RS – 170A RS –343A and PAL
- ◆ Diagnostics: Video, Data, Power and Optical Presence
- ◆ Switch Selectable 2 Wire or 4 Wire RS485
- ◆ Switch Selectable RS485 or (1)RS422 and (1)RS232
- ◆ Full Color Transmission
- ◆ Real Time Video Transmission
- ◆ PFM Transmission
- ◆ Wall or Rack Mount

**SPECIFICATIONS:**

**Video:**

I/O Level..... 1Vp-p  
I/O Impedance..... 75  
Bandwidth..... 10 MHz  
Differential Gain..... 3%  
Differential Phase ..... 2°  
SNR..... 55dB  
Connector..... BNC

**Data:**

Data Rate ..... up to 50 Kb/s  
Data Connector..... 8 Pin Screw Terminal

**Optical:** (Fiber 9/125 um)

Wavelength..... 1310/1550nm  
Loss Budget..... 12dB  
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 x 19" Wide x 12" Deep

**Ordering information:**

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



The American Fibertek 8885C-SL Series transmits eight channels of high-quality video with switch selectable bi-directional RS485 data or bidirectional RS-422 and RS232 on a single mode optical fiber. Included in the circuit design is a switch selectable 2 or 4 wire configuration and 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.

