



Single Fiber Eight Channel FM Video System With RS485, RS422, RS232, Manchester/Bosch, or Sensornet Data

**8885C
8810C
SERIES
MULTIMODE**



FEATURES:

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

SPECIFICATIONS:

Video:

I/O Level	1 Vp-p
I/O Impedance	75 Ohms
Bandwidth	10 MHz
Differential Gain	5%
Differential Phase	3°
SNR	55 dB
Connector	BNC

Data:

Data Rate:

RS485/RS422 / RS232	up to 50 Kbps
Manchester/Bosch	up to 50 Kbps
Sensornet	230.4 Kbps
Data Connector	8 Pin Screw Terminal

Optical:

Wavelength850/1300/1550 nm
Maximum Transmission Distance:	5 Km
Loss Budget (62.5/125µ):	
MTX to MRX	12 dB @ 1300/1550nm
MRX to MTX	20 dB @ 850nm
Connector	ST

Temperature (Operating)

-40°C to +74°C, non-condensing

Power Supply:

Universal Power Input: 100 to 240 VAC @ 47 to 63 Hz, 40 Watts Maximum

Size:

12" Deep x 19" Wide x 1¾" (1RU) High

ORDERING INFORMATION:

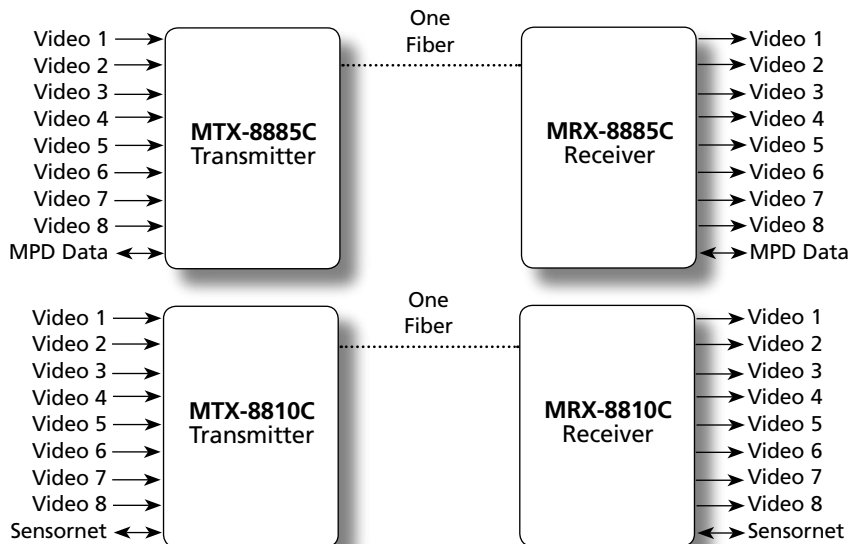
Video with RS485, RS422, RS232 or Manchester/Bosch Data:
 MTX-8885C = Module/Rack Video Source
 MRX-8885C = Module/Rack Video Monitor

Video with Sensornet Data:
 MTX-8810C = Module/Rack Video Source
 MRX-8810C = Module/Rack Video Monitor

Example:
 MTX-8885C to MRX-8885C



The American Fibertek 8885C Series transmits eight channels of high-quality, FM video with bi-directional PTZ or keyboard data on one multimode optical fiber. The 8885C Series is switch selectable to one channel of RS485 (2 or 4 wire) or Manchester/Bosch data, or a dual channel consisting of RS422 and RS232 data. The 8885C Series also incorporates switch selectable data biasing and data termination features. The American Fibertek 8810C Series transmits eight channels of high-quality, FM video with bi-directional Sensornet data on one multimode optical fiber. Both series are designed to be completely transparent to all camera and monitor manufacturers. The system requires no field adjustments at installation or additional maintenance thereafter. Equipment may be mounted as stand alone modules or mounted directly into a standard EIA 19" rack depending on the position of the mounting brackets.



THE 8885C-SL AND 8810C-SL SERIES ARE AVAILABLE FOR SINGLEMODE APPLICATIONS

SEE WEBSITE FOR CURRENT RoHS PRODUCT AVAILABILITY