91685C-SL SERIES SINGLE MODE

16 CHANNEL DIGITAL VIDEO SYSTEM WITH TWO BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNELS

Features:

- ◆ Compatible with NTSC, (RS 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, OLI, Data Activity
- ◆ Automatic Resettable Fuses on Power Lines
- ♦ 10 Bit Digital Video Transmission

Specifications:

Video:

I/0 Level	1 Vp-p (±3 dB)
I/0 Impedance	75 Ohms
Bandwidth	7 MHz
Differential Gain	2 %
Differential Phase	0.7 °
SNR (Unified Weighter	d)65 dB
Connector	

Data (2 Channels):

Interface......Selectable Multi-protocol Choice of: RS-485 (2 or 4 wire),

RS-422, RS-232 Manchester

FormatAsynchronous
RateDC to 115 Kbit/s
ConnectorTerminal Block

Optical

Wavelengths	1470/15	510/1530 nm
Loss Budget (9/	/125µ)	21 dB
Connector		FC

Environmental

Operating Temp.....-40°C to +75°C Storage Temp...-40°C to +85°C Humidity...0% to 95% (non condensing) MTBF.....>100,000 hours

Power Supply:

Universal Power Input 100 to 240 VAC, 50 to 60 Hz, 55 W

Size:

1RU 1.75" High x 19" Wide x 12" Deep

Ordering information:

MTX-91685C-SL = Video Transmitter MRX-91685C-SL= Video Receiver Example:

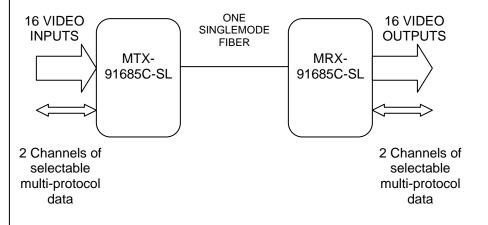
MRX-91685C-SL to MRX-91685C-SL



The American Fibertek 91685C-SL Series transmits 16 channels of high-quality 10 Bit digitized video and two channels of multi-protocol data on one singlemode optical fiber using WDM technology.

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.

Equipment consists of a 1 RU housing which contains the Video and the WDM passive optics.



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