

8 Baseband Video/16 Audio Fiberoptic Video Multiplexer



Model **CL-816**

The rack-mountable CL-816 fiberoptic baseband video multiplexer is ideal for operating transmitting up to 8 channels of baseband video and 16 channels of audio on fiberoptic cable. The CL-816 operates by digitizing and multiplexing 8 channels of standard analog video and 16 channels of standard audio into a high-speed serial cable using 10-bit sampling technology.

Because the system employs true digital transmission techniques, performance characteristics are consistent and maintained over the specified distance with absolutely no degradation of signal.

There are no FM carriers that need to be tuned or that can drift over time. The low component count and use of custom ASICs increase system reliability and performance. The CL-816 is designed to work with standard singlemode or multimode fiberoptic cable and can be wall mounted or rack mounted. Built-in diagnostics LEDs for each channel; loss of video signal and optical link indicator facilitate rapid setup and the continuous monitoring of all phases of operation. Operation can be monitored remotely via optional remote monitoring capabilities. SNMP can be supported as well.

Features

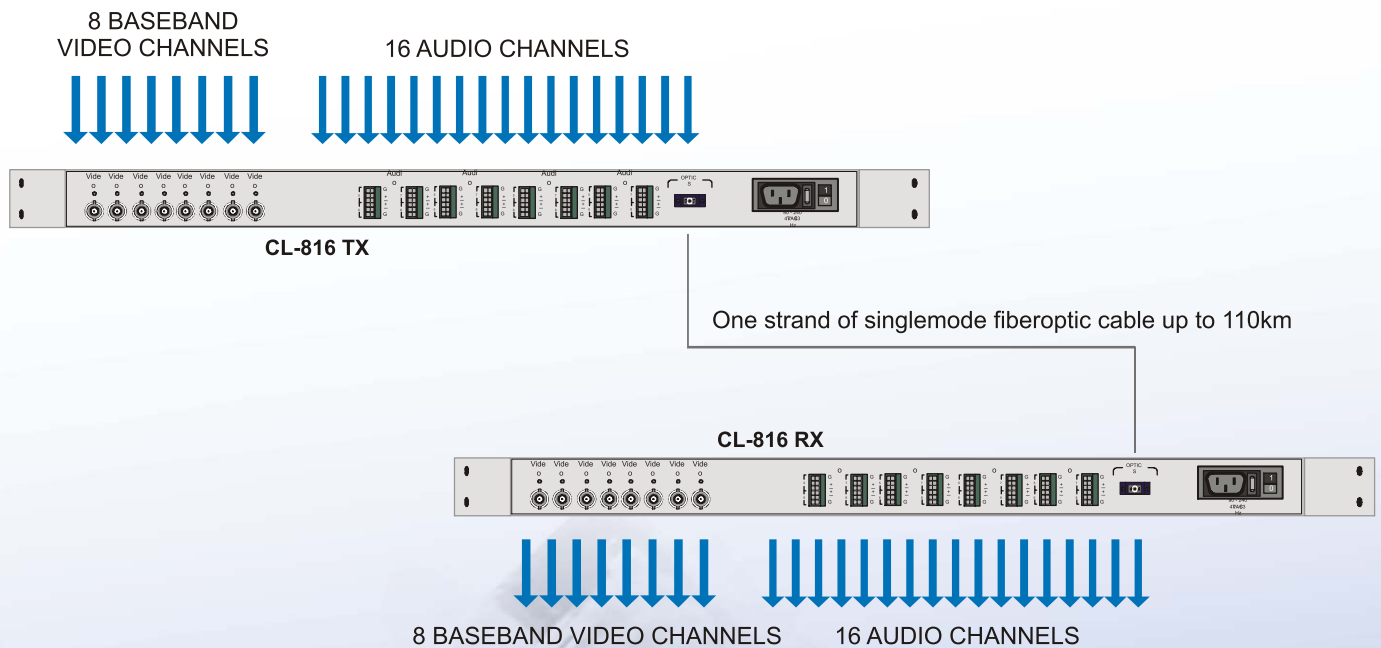
- 8 Channel Baseband Video and 16 Channel Audio Transmission
- High Quality 10-bit Digital Video Sampling
- Transmit up to 110km over on strand of fiberoptic cable
- High Quality Uncompressed Digital Transmission
- 67 dB SNR
- Optional Remote Monitoring capability
- SNMP monitoring capability optional
- Bidirectional transmission available

Model Selection

CL-816-1S-SCA-40	Fiberoptic Baseband Video Mux, 8 Video/16 Audio, Singlemode, 1 Fiber, SC/APC Connector, 40km
CL-816-1S-SCA-80	Fiberoptic Baseband Video Mux, 8 Video/16 Audio, Singlemode, 1 Fiber, SC/APC Connector, 80km
CL-816-1S-SCA-110	Fiberoptic Baseband Video Mux, 8 Video/16 Audio, Singlemode, 1 Fiber, SC/APC Connector, 110km

Other Connectors and Distances Available Upon Request

Example Application



Specifications

Standards	NTSC, PAL, SECAM
Channels	8 Baseband Video/16 Audio
Video Bandwidth SNR/dP/dG	10 Hz to 6.5 MHz 67 dB < 1 deg / < 1%
Video Input	1V p-p, 75 ohm
Dimensions	480mm x 225mm x 44mm
Environment	Operating temperature: 0°C to 50°C Storage temperature: -20°C to 70°C Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
Input Power Requirements	Voltage: 110/240V Auto-sense Internal Power
Registration	FCC Part 15 Class A, CE, UL, CUL, TUV