

CCTV - Mini Fiber Optic Video Transmitter



Model 2509 is a miniature fiber optic transmitter that attaches directly to a CCTV camera. Power can come from the camera or an optional power supply. (Model 2121)

The Mini 2509 is compatible with 2809/2810 and also with CCTV transmitter/receiver cards in series 1000 and 3001 rack.

- System Bandwidth:** 10 Hz to 15 MHz
- Transmitter Input Impedance:** 75 ohms, BNC bulkhead jack
- Input Voltage:** 1 Vpp
- Receiver Adjustment Range:** 40:1
- Linearity:** 1 percent typical
- Output Load Impedance:** 75 ohms
- Output Voltage:** 2 Vpp into 75 ohm load
- Operating Wavelength:** 820 nanometers* (1310 nm options)
- Optical Connectors:** ST
- Power Requirements:** 12 volt from camera or external power supply (S.I.Tech #2121)
- Operating Temperature:** 0 °C to 50 °C
- Dimensions:** 1.50" X 1.13" X 0.88"
- Weight:** 0.1 LB (45 grams)

***1310 nanometers is an option for long distance mm or sm fiber**

Specifications subject to change without notice.

Operating Distance for Fiber Optic Cable

Fiber Size (Microns)	Attenuation dB/Km	Maximum Feet/Meters
62.5	3.5	6600/2000
50	3.0	6600/2000
10 SM	1.0	33000/10000

SM - Single mode (1300 or 1550 nm option)
Optical power budget: 10dB typical

