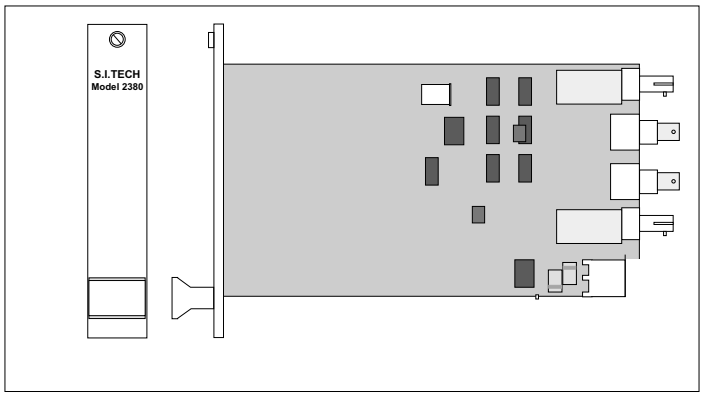
Model 2380

S.I.TECH

Video Receiver - 2CH. 3001 Chassis PC Board



Operation Mode: CCTV video - color or black and white, 2 CH Receiver
System Bandwidth: 10 Hz to 15 MHz
Transmitter Input Impedance: 75 ohms, BNC bulkhead jack
Input Voltage: 1 Volt rms
Receiver Adjustment Range: 40:1
Linearity: 1 percent typical
Output Load Impedance: 75 ohms
Operating Wavelength*: 820 nanometers (1300 nm options)
Optical Connectors: ST receptacle
Operating Temperature: 0 °C to 50 °C
Enclosure: 19" Rack holds 12 cards
Card Size: Eurocard 3.9" X 6.8" (9.9 X 17.3 cm)
Weight: 0.4 lbs. (182 Grams)
Input Power: 110/220 VAC 50/60 Hz

Notes: 19" Rack 3001 - 110/230 VAC Power Supply 4001
UL Approved
* 1300 nanometers is an option for 5 Km or longer system

S.I.Tech 2380 Fiber Optic Receiver Adjustments

Note: Adjust (ADJ) gain in receiver CH1 and CH2 preamp for desired output (clips at 2 Vpp with 75 ohm load 4 Vpp open circuit)

Related Products

Model Numbers

2809	1 Ch. Transmitter, Multimode, 110VAC, ST
2809-2	2 Ch. Transmitter, Multimode, 110VAC, ST
2809-SM	1 Ch. Transmitter, Single mode, 110VAC, ST
2809-2-SM	2 Ch. Transmitter, Single mode, 110VAC, ST
2809-V	1 Ch. Transmitter, Multimode, 220VAC, ST
2379	2 Ch. Transmitter, Multimode
2379-SM	2 Ch. Transmitter, Single mode

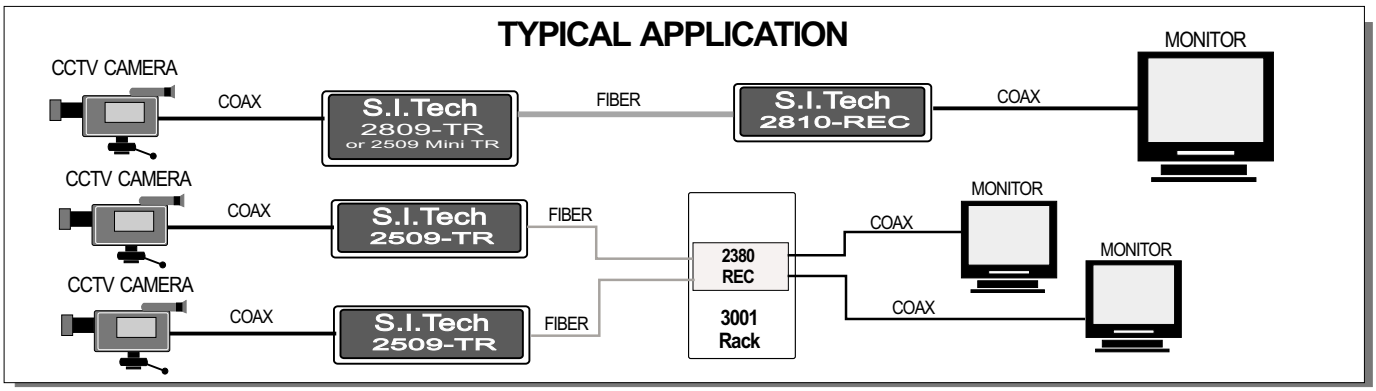
Operating Distance for Fiber Optic Cable

Fiber Size (Microns)	Attenuation dB/Km	Maximum Feet/Meters**
62.5	4.0	6600/2000
50	3.0	6600/2000
10 SM	0.35	33000/10000

SM - Single mode (1300 or 1550 nm option)
** Short lengths of some fiber types can overload the receiver. Longer distance can be used if less bandwidth or higher noise is acceptable.
Typical power budget is 10dB.

Specifications subject to change without notice.

TYPICAL APPLICATION



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