

**CSI/Model P-130**  
**1310nm Receiver**

Product Specifications

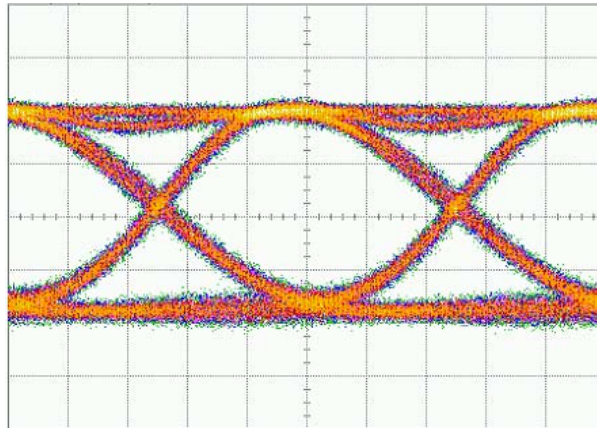
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Input Connector: FC/PC  
Output Connector: SMA  
Input Fiber: Single Mode  
Wall Plug Unit: 110V AC Adapter (or universal voltage option)

	Min	Nominal	Max
Wavelength Range (nm)	950	1310	1390
Bit Rate (Gbps)	0.001		12.5
Sensitivity (dBm)		-15	
3-dB Bandwidth (GHz)		8.5	9.5
Rise / Fall Time (ps)		37/45	
Saturation Input Power (dBm)		0	
Conversion Gain (V/W)	350	440	

**CSI** model P-130 is an amplified photoreceiver optimized for 1310nm light at modulation speeds of up to 12.5 Gbps. This is a laboratory unit intended for characterizing transmitters and received signals. P-130 is powered by a wall plug unit (included). Data output is through a 50-ohm SMA connector. Optical input port is an FC singlemode connector. P130 does detect light at wavelengths below 950nm, but the specifications are valid for the stated wavelength range. P130 does not detect light at 1550nm.

**California Scientific** manufactures high-speed optoelectronic test equipment for the fiber optic community.



Typical 10Gbps loop eye diagram of P-130 Receiver with D-130 EML Source



P-130 major physical dimensions are: 1.125 by 1.5 by 2.5 inches.