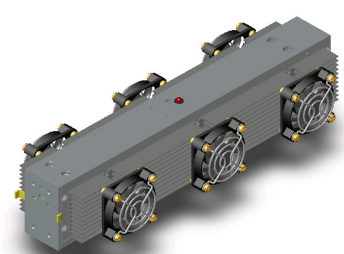


Low Power CO₂ Laser

Model L5 Specifications

Model	L5	L5P	L5D
Wavelength (μm)	around 10.6	around 10.6	L5D has features of both L5 and L5P when the appropriate DC power supply is used.
CW Power (W)	5	4 (average)	
Peak Power (W)	5	20	
Power Stability	±10%	±10%	
Mode Quality (M ²)	< 1.1	< 1.1	
Beam Waist Diameter	2.4 mm	2.4 mm	
Waist Location	Output Coupler	Output Coupler	
Full Div. Angle	5.5 mrad	5.5 mrad	
Rise Time (μs)	200	100	
Fall Time (μs)	200	100	
Supply Voltage (DC)	28V 240W	48V 240W	
Electronic PWM Parameters	Any frequency up to 100 kHz, duty cycle 0-100%	Any frequency up to 100 kHz, duty cycle 0-25%, pulse length to 0.8 ms	
Cooling Requirement	Air Cooled	Air Cooled	
Working Temperature	5-40° C	5-40°	
Dimensions (LxWxH, inch)	12x1.5x3	12x1.5x3	

Factory warranty: One year for parts and labor due to manufacturing quality, regardless of laser usage

Options available:

- Fan or Water cooling
- Real time power sampling
- External high speed modulator (up to 200 kHz optical)
- Linear polarization

* Includes RF driver

* Specifications subject to change without notice

* We strive to satisfy custom requirements. Please contact us if you have other special needs.

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INVISIBLE LASER RADIATION-AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

Max power: 50W Wavelength: 9 - 12 μm
Class IV Laser Product

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