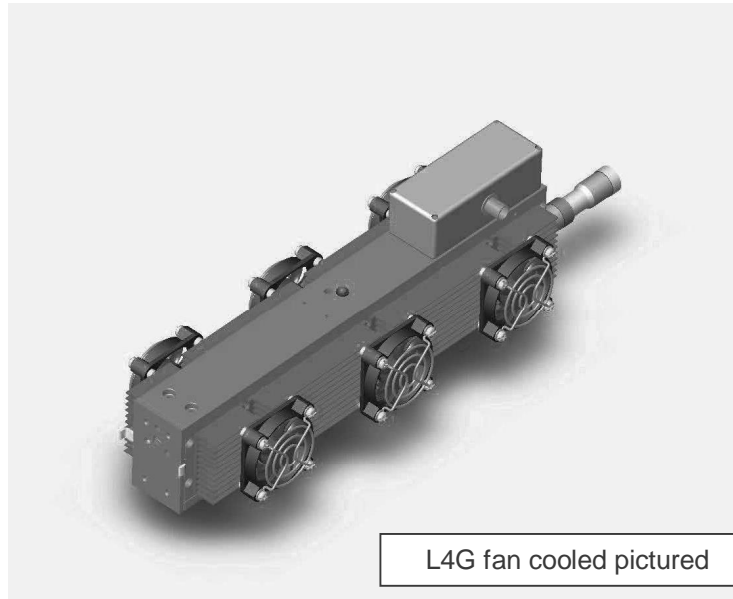


Laser Specifications

L4G Specifications

The L4G laser provides grating tuning between 9.3 μm and 10.7 μm . The standard model is fan cooled; closed-loop fan cooling or water cooling are available. An external high speed modulator (up to 200 kHz) or 11.2 μm with $^{13}\text{CO}_2$ isotope versions are available. Additional features may include line tracker for increased stabilization of $\pm 1\%$.



Description	Spec
Model	L4G
Wavelength (μm)	9.2 - 10.7
No. of Lines	30
CW Power (W)	200 mW
Peak Power (W)	200 mW
Power Stability	$\pm 10\%$
Mode Quality (M^2)	< 1.2
Beam Waist Diameter	2.4 mm
Full Div. Angle	5.5 mrad
Polarization	Vertical
Supply Voltage (DC)	12V 20W
Cooling Requirement	Fan Cooled
Working Temperature	5-40° C
Dimensions (LxWxH, inch)	12.5x3x2.5