

Low Noise Laser

Specifications

Model Number	LN-G556-200-DB
<i>Optical Specifications</i>	
Wavelength	556 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	< 200 mW
M ²	< 1.3
Longitudinal Mode	Multi
Transverse Mode	TEM00
Power Stability (over 4 hours) (rms)	< 10 % (optional: < 3%, < 5%)
Operating Mode	CW
Polarization Ratio	> 100:1
Beam Diameter at the Aperture (1/e ²)	~ 2.0 mm
Noise of Amplitude (rms, 1Hz-20MHz)	< 0.5 %, < 1 %
Beam Divergence (Full Angle)	< 1.6 mrad
Warm-up time	< 12 minutes
Pointing Stability after Warm-up	< 0.05
Beam Height from Base Plate	27.5 mm
Working Temperature	10 to 35 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	197 (L) x 70 (W) x 50 (H) mm
Dimension of Power Supply	277 (L) x 145 (W) x 104 (H) mm
Dimensional Tolerances	+/- 1 mm