

# 520nm Green Low Noise Laser



## Specifications

<b>Model Number</b>	<b>LN-G520-20-DB</b>
<b>Optical Specifications</b>	
Wavelength	520 nm
Center Wavelength Deviation	+/- 10 nm
Output Power	20 mW
Longitudinal Mode	Multi
Transverse Mode	Multi
Power Stability (over 4 hours) (rms)	< 3 % <sup>(1)</sup>
Operating Mode	CW
Polarization Ratio	NA
Beam Diameter at the Aperture (1/e <sup>2</sup> )	~ 1.0 x 3.0 mm
Noise of Amplitude (RMS, 30Hz-20MHz)	< 1 %
Beam Divergence (Full Angle)	< 2.5 mrad
Warm-up time	< 10 minutes
Beam Height from Base Plate	~ 25 mm
Working Temperature	15 to 35 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10,000 hours
Warranty Time	1 year
<b>Mechanical Specifications</b>	
Dimension of Laser Head	145 (L) x 75 (W) x 48 (H) mm
Dimension of Power Supply	175 (L) x 130 (W) x 65 (H) mm
Dimensional Tolerances	+/- 10 mm

<sup>(1)</sup> optional: <0.5%, < 1%, < 2%

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