

635nm Red Low Noise Laser



Specifications

Model Number	LN-R635-20-DB
Optical Specifications	
Wavelength	635 nm
Center Wavelength Deviation	+/- 10 nm
Output Power	20 mW
Longitudinal Mode	Multi
Transverse Mode	Multi
Power Stability (over 4 hours) (rms)	< 3 % ⁽¹⁾
Operating Mode	CW
Polarization Ratio	NA
Beam Diameter at the Aperture (1/e ²)	~ 5.0 x 8.0 mm
Noise of Amplitude (RMS, 30Hz-20MHz)	< 1 %
Beam Divergence (Full Angle)	< 4 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
Mechanical Specifications	
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

⁽¹⁾ optional: <0.5%, < 1%, < 2%

520nm Green Low Noise Laser



Specifications

