

Single Longitudinal Mode Laser

Specifications

Model Number	SLM-IR785-150-QN
Optical Specifications	
Wavelength	785 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	< 150 mW
M ²	< 1.2
Longitudinal Mode	Single
Transverse Mode	TEM00
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 1 %, < 3 %)
Operating Mode	CW
Beam Waist	< 2 mm
Spectral Linewidth	< 0.001 nm
Beam Divergence (Full Angle)	< 1.2 mrad
Warm-up time	< 12 minutes
Working Temperature	0 to 40 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
Mechanical Specifications	
Dimension of Laser Head	123(L) x 50(W) x 44(H) mm
Dimension of Power Supply	164 (L) x 164 (W) x 83 (H) mm
Dimensional Tolerances	+/- 1 mm