

Specifications

Model Number	R705-100-QN
<i>Optical Specifications</i>	
Wavelength	705 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	50 ~ 100 mW
M ²	< 1.2
Longitudinal Mode	Multi
Transverse Mode	TEM00
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 1 %, < 3 %)
Operating Mode	CW
Polarization Ratio	> 100:1
Beam Waist	< 2.5 mm
Spectral Linewidth	< 2 nm
Beam Divergence (Full Angle)	< 0.5 mrad
Warm-up time	< 6 minutes
Pointing Stability after Warm-up	< 0.05
Working Temperature	0 to 40 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	/
Dimension of Power Supply	/
Dimensional Tolerances	+/- 1 mm