

## Specifications

Model Number	R705-50-QN
<b>Optical Specifications</b>	
Wavelength	705 nm
Center Wavelength Deviation	+/- 5 nm
Output Power	< 50 mW
M <sup>2</sup>	< 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
<b>Mechanical Specifications</b>	
Dimension of Laser Head	85 (L) x 40 (W) x 34 (H) mm
Dimension of Power Supply	164 (L) x 164 (W) x 83 (H) mm
Dimensional Tolerances	+/- 1 mm