

Specifications

Model Number	IR1990-600-DB
<i>Optical Specifications</i>	
Wavelength	1990 nm
Center Wavelength Deviation	+/- 2 nm
Output Power	< 600 mW
M ²	< 4
Longitudinal Mode	Multi
Transverse Mode	Near TEM00
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 1%, < 3%)
Operating Mode	CW
Polarization Ratio	~ 500:1
Beam Diameter at the Aperture (1/e ²)	< 3 mm
Beam Divergence (Full Angle)	< 8 mrad
Spectral Linewidth	< 0.2nm
Warm-up time	< 12 minutes
Beam Height from Base Plate	45 mm
Working Temperature	15 to 30 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	214 (L) x 88 (W) x 74 (H) mm
Dimension of Power Supply	277 (L) x 145 (W) x 106 (H) mm
Dimensional Tolerances	+/- 1 mm