

High Power Laser

Specifications

Model Number	HP-IR1064-100W-DB
<i>Optical Specifications</i>	
Wavelength	1064 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	50 ~ 100 W
Longitudinal Mode	Multi
Transverse Mode	Multi
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 3 %)
Operating Mode	CW
Beam Diameter at the Aperture (1/e ²)	6 ~ 9 mm
Beam Divergence (Full Angle)	< 3.5 mrad
Warm-up time	< 12 minutes
Beam Height from Base Plate	55 mm
Working Temperature	15 to 35 ° C
Cooling Mode	Water Cooled
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	426 (L) x 150 (W) x 130 (H) mm
Dimension of Power Supply	288 (L) x 482 (W) x 90 (H) mm
Dimension of Water Chiller	425 (L) x 525 (W) x 765 (H) mm
Dimensional Tolerances	+/- 1 mm