

High Power Laser

Specifications

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|--------------------------------------|--------------------------------|
| Model Number | HP-IR980-5000-QN |
| Optical Specifications | |
| Wavelength | 980 nm |
| Center Wavelength Deviation | +/- 1 nm |
| Output Power | 200 ~ 5000 mW |
| Longitudinal Mode | Multi |
| Transverse Mode | Multi |
| Power Stability (over 4 hours) (rms) | < 5 % (optional: < 1 %, < 3 %) |
| Operating Mode | CW |
| Polarization Ratio | > 100:1 |
| Beam Waist | < 6*5 mm |
| Spectral Linewidth | < 2 nm |
| Beam Divergence (Full Angle) | < 2.5 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 |
| Mechanical Specifications | |
| Dimension of Laser Head | 140 (L) x 78 (W) x 62 (H) mm |
| Dimension of Power Supply | 164 (L) x 164 (W) x 83 (H) mm |
| Dimensional Tolerances | +/- 1 mm |