

OEM-F-520/1-1000mW

GREEN LASER MODULE AT 520 nm

Green laser module at 520 nm is made features of ultra compact, long lifetime, and easy operating, which can be widely used in laser projection, laser shows, biomedical applications, holography, metrology. etc.



SPECIFICATIONS

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| Wavelength (nm) | 520±5 |
| Operating mode | CW |
| Output power (mW) | >100, 500, ..., 1000 |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5%, <10% |
| Transverse mode | Multimode |
| M ² factor | <5 |
| Beam diameter at the aperture (1/e ² , mm) | ~3.0×3.0 |
| Beam divergence, half angle (mrad) | <0.7×0.1 |
| Warm-up time (minutes) | <5 |
| Beam height from base plate (mm) | 25 (OEM-F-520) / 45(F-520-HS) |
| Operating temperature (°C) | 25+/-3 (OEM-F-520) / 10-35 (F-520-HS) |
| Power supply | PSU-SD-OEM |
| TTL / Analog modulation | TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional |
| Expected lifetime (hours) | 10000 |
| Warranty time | 1 year |



| OEM-F-520 | F-520-HS | PSU-SD-OEM | Adapter |
|--|--|---|---|
| <p>111 (L) × 58 (W) × 45 (H) mm³, 0.7kg</p> | <p>138 (L) × 77 (W) × 65 (H) mm³, 1kg</p> | <p>90.5 (L) × 47 (W) × 56 (H) mm³, 0.3kg</p> | <p>99 (L) × 82 (W) × 35 (H) mm³, 0.3kg</p> |