

OEM-XD-637/3000-4000mW

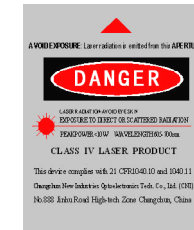
OEM RED DIODE LASER AT 637NM

OEM diode laser 637 nm red laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

| | | |
|---|---|------------------|
| Model | OEM-XD-637 | |
| Wavelength (nm) | 637±5 | |
| Output power (mW) | 3000, 4000 | |
| Operating mode | CW | |
| Power stability (rms, over 4 hours) at 25°C | <1%, <3%, <5% | |
| Warm-up time (minutes) | <5 | |
| Beam divergence, half angle (mrad) | <1.3×0.6 | |
| Beam diameter at the aperture (mm) | 5×4(1/e ²)/ 4.5×3 (FWHM) | |
| Polarization direction | Horizontal+Vertical | |
| Beam height from base plate (mm) | 35(OEM-XD-637) | 89(XD-637-HS) |
| Operating temperature (°C) | 25+/-3(OEM-XD-637) | 10-35(XD-637-HS) |
| Power supply | PSU-N-LED/ PSU-N-FDA PSU-XD-OEM | |
| Expected lifetime (hours) | 10000 | |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | |
| Warranty time | 1 Year | |



| OEM-XD-637 | XD-637-HS | PSU-N-LED | PSU-N-FDA | PSU-XD-OEM | Adapter |
|---|--|--|---|--|--|
|  222(L)×150(W) ×60(H) mm³, 5kg |  237(L)×150(W) ×115(H) mm³, 6.8kg |  307(L) ×150(W) ×106 (H) mm³, 2.6 kg |  307(L) ×150(W) ×106 (H) mm³, 2.3 kg |  233(L)×126(W) ×70.5(H) mm³, 1 kg |  211.2(L)×99(W) ×50(H) mm³ 24V,8.4A |
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