



MIL-W-1500~1650/1~2000mW

SPECIFICATIONS

**LD PUMPED ALL-SOLID-STATE
Infrared LASER AT 1500~1650nm**

The series of laser provide a CW output power of about max 2000mW. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

| | | | | | |
|--|------------------------|------|------|--------|---------|
| Wavelength (nm) | 1500 | 1550 | 1573 | 1600 | 1650 |
| Wavelength deviation (nm) | ±10 | | | | |
| Operating mode | CW | | | | |
| Output power (mW) | >1, 100, 200, ... 2000 | | | 1- 800 | 1- 2000 |
| Power stability (rms, over 4 hours) | <5%, <10% | | | | |
| Beam divergence, full angle (mrad) | <10 | | | | |
| Beam diameter at the aperture (1/e ² ,mm) | <10 | | | | |
| Beam height from base plate (mm) | 111.5 | | | | |
| Warm-up time (minutes) | <10 | | | | |
| Operating temperature (°C) | 15~30 | | | | |
| Power supply (90-264VAC) | PSU-AOM(3U) | | | | |
| Expected lifetime (hours) | 10000 | | | | |
| Warranty period | 1 year | | | | |



| MIL-W-1500~1650 | PSU-AOM(3U) |
|--|---|
| <p>402(L)×214(W) ×160(H) mm³,10kg</p> | <p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p> |