

TUN-W-2600~4450/1~1000mW

**LD PUMPED ALL-SOLID-STATE  
MID-IR LASER AT 2600~4450nm**

The series of laser provide a CW output power of about max 1000mW and has a wide tuning range. The customer can order any wavelength range in the list. It is widely used in spectroscopy, remote sensing, medical, etc.



**SPECIFICATIONS**

|  |                         |           |           |           |           |           |           |                        |           |           |
|--|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|
| Wavelength (nm)                                      | 2600~2950               | 2820~3110 | 3130~3350 | 3510~3690 | 3600~3740 | 3800~3940 | 3900~4060 | 4050~4180              | 4185~4320 | 4320~4450 |
| Wavelength deviation(nm)                             | ±20                     |           |           |           |           |           |           |                        |           |           |
| Average power (mW)                                   | >1, 100, 200, ..., 1000 |           |           |           |           |           |           | >1, 100, 200, ..., 800 |           |           |
| Operating mode                                       | CW                      |           |           |           |           |           |           |                        |           |           |
| Power stability (rms, over 4 hours)                  | <5%, <10%               |           |           |           |           |           |           |                        |           |           |
| Beam divergence, full angle (mrad)                   | <10                     |           |           |           |           |           |           |                        |           |           |
| Beam diameter at the aperture (1/e <sup>2</sup> ,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                  |           |           |           |           |           |           |                        |           |           |

