

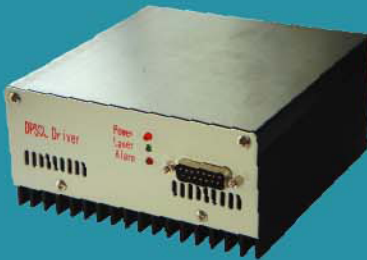
## 671nm DPSS Laser

### Features

- Compact Design
- Long Lifetime
- High Reliability
- Easy Operation
- Free Maintenance
- Low Cost



RL671T Laser



PS-700 Power Supply

### Note

1. 30KHz TTL modulation is available.
2. High Stability ( $<\pm 3\%$  over 4 hours) is available.
3. 5VDC Driver is also available.
4. Custom Dimensions are available.
5. Please refer to Page 17 for the dimension and drawing of the power supply.
6. Please refer to Page 18 for more information of Custom Lasers.
7. Heat Sink: The Laser is designed to operate without heat sink. Do not restrict air circulation around the device; an additional heat sink can be used to maximize the performance and life time of the laser.

### Specifications

Model	RL671T-XXX
Output Power	50~500mW
Output Wavelength	671nm
Spectral Linewidth	0.1nm
Transverse Mode	TEM <sub>00</sub>
Operating Mode	CW
Beam Diameter, 1/e <sup>2</sup>	2.0±0.2mm
Beam Divergence, Full Angle	1.5±0.2mrad
Power Stability (Tc=25°C)	<±5% over 2 hours
Pointing Stability	<0.05mrad
Residual IR	<0.01%
Operating Temperature, Case	10°C ~ 30°C
Warm-Up Time	10 minutes
Expected Operating Lifetime	10000 hours
Power Supply	PS-700
Input Voltage	85~240VAC, 50/60Hz
Modulation (Optional)	10KHz TTL modulation
	10KHz Analog modulation
Dimensions of Laser Head	140.8 × 73 × 46.2mm
Weight of Laser Head	0.7Kg
Dimensions of Power Supply	135 × 130 × 61mm
Weight of Power Supply	1.2Kg

### RL671T Laser Head

