



OEM-S-XXX-MD series

LD PUMPED ALL-SOLID-STATE LASER



All solid state laser is made features of high output power stability, good beam profile, ultra compact, small size, wide operating temperature, good sealing, long lifetime, cost -effectiveness and easy operating, working under the pressure of 0.02kPa, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.

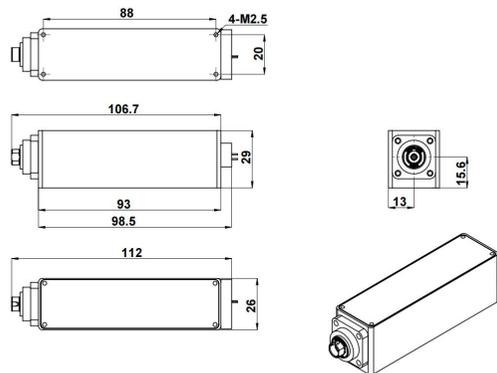


SPECIFICATIONS

Central wavelength (nm)	545±1
Operating mode	CW
Output power (mW) ¹	1-1000
Power stability (rms, 4 hours±3°C)	<2%, <1%
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<30
Warm-up time (minutes)	<10
Polarization ratio	>100:1, Vertical (Horizontal optional)
Beam height from base plate (mm)	15.6
Maximum Current(mA)	4000
Operating Voltage(V)	5
Thermistor resistance	10kΩ@25°C
Power Consumption(W)	<20
Storage Temperature(°C)	0-60
Expected lifetimes(hours)	>10000



LASER HEAD (OEM-S-545-MD)



112(L)×26(W)×29(H) mm³

1 Any power level can be selected in this range.