

Technical Information

Diode Pumped Green Solid State Laser

DPGL[®] 5, 10, 20, 30

Features

- Ultra Compact Model
- Air Cooling
- Excellent Beam Properties
- M-Version: Modulation Input up to 15 kHz



Specification

Wavelength	532 nm
Optical Power	CW, 5, 10, 20, 30 mW
Beam mode	90% TEM ₀₀
Beam diameter (1/e ²)	approx.. 1.0 mm
Beam divergence (1/e ²)	< 1.2 mrad
Modulation	only M, 230M und 230M-A Version
Polarization	Linear 50:1
Current	approx. 500 mA – 1000 mA
Optimal operation temperature	+15 °C to + 25 °C
Size Laser-head (L x W x H)	21 x 21x 50 mm
Lifetime (8 h. / day)	typ. > 5000 h.

Connection: White +5VDC
 Black: GND

A additional cooling system is highly recommended to increase laser lifetime.

- * passive cooling with heat sink, air fan, etc. or
- * active cooling with Peltier-Elements

Note: Always isolate laser head from Ground !