



# RGH-532-5

## High Repetition Rate Green ps Laser

Model	RGH-532-5
Wavelength (nm)	532
Average Power (W) @ 100 kHz	5 W
Pulse Width	</= 10ps
Repetition Rate	Single Shot to 1 MHz
Pulse to Pulse Stability @ 1MHz	<2% rms
Polarization	Horizontal
Beam Diameter (nominal)	2 mm
Beam Divergence	<1 mrad
Beam Circularity	>85%
M <sup>2</sup>	<1.3
Beam Pointing Stability	<25 urad/°C
Long Term Instability (8h ±3°C)	<± 2%
Interface	USB / GUI / External TTL Triggering
Electrical Requirement	100 to 240 V
Line Frequency	50 to 60 Hz
Dimensions (W x H x L)	10 in x 4.6 in† x 33 in
Relative Humidity	Non-condensing, 90% Max
Ambient Temperature	15° to 30°C (59° to 95°F) Operating Range

† 4.6" includes height of desiccant

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7,346,092; 7,082,149; 7,079,557; 6,999,483; 6,980,574; 6,961,355; 6,842,293; 6,762,405; 6,690,692; 6,587,487; 6,584,487; 6,366,596;  
6,327,281; 6,356,578; 6,246,707; 6,229,839; 6,108,356; 6,061,370; 6,028,620; 5,936,938; 5,898,717 and Pending Patents

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