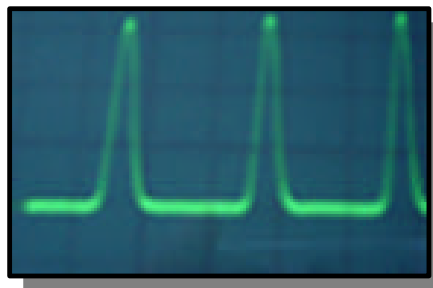


CW-DPSS Laser GLM-SF-Series

Of the GLM-Series these lasers provide best performance parameters at 5, 10 and 20 mW of single frequency power with an rms noise < 0,5%. This version satisfies the most stringent requirements in stability.

Laser	GLM-SF-5	GLM-SF-10	GLM-SF-20
Wavelength	532 nm		
Output power	5 mW	10 mW	20 mW
Operating mode	CW		
Transversal mode structure	TEM00		
M ²	< 1.2		
Spektral composition	single mode		
Beam diameter	< 1.2 mm		
Divergence	< 1.0 mRad		
Pointing stability	< 0.05 mRad/ hr.		
Polarisation	>100 : 1		
Power stability	< 1.5 %/ 4 hrs.		
Noise (10 Hz - 20 MHz)	< 0.5 % rms		
Coherence length	> 20 m		
Warm up time	<15 min.		
Operating temperature	+ 15° - + 35° C		
Warranted lifetime	>3000 hrs.		
Average lifetime	>5000 hrs.		
Laser head dimensions	156 (180.8) × 73 × 46.2 mm		
Power supply dimensions	206 x 137 x 75 mm		
Mains supply	220 VAC, 110 VAC		
Power consumption	55 VA		



A spacial coherence of > 20 meters and an excellent TEM00 laser beam with M² < 1.2 and a pointing stability < 0.05 mRad make these systems highly competitive to any other laser system in the green spectrum.

In order to guarantee the performance parameters, the systems are provided with factory calibrated power control electronics only.

