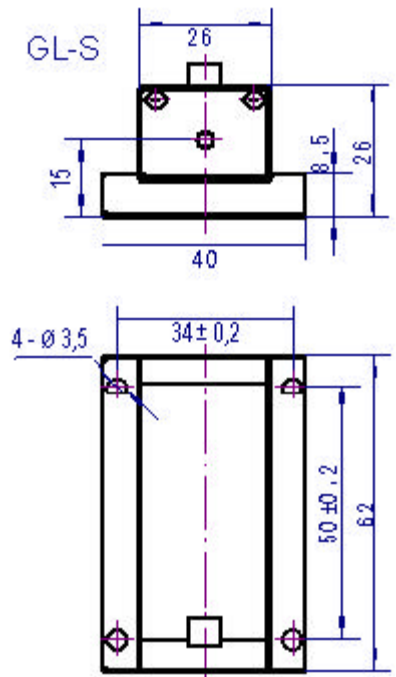


CW-DPSS Laser GL-S-Series

This TE cooled product line ranges in output power between 1 - 20 mWatts and exhibits a good beam stability superior to the non-actively cooled standard DPSS laser series. Optionally a multi-mode fibre optic attachment is possible.

Laser	GL-S-A-1	GL-S-A-3	GL-S-A-5	GL-S-A-10	GL-S-A-20	GL-S-B-1	GL-S-B-3	GL-S-B-5	GL-S-B-10	GL-S-B-20
Wavelength	532 nm									
Output power	1 mW	3 mW	5 mW	10 mW	20 mW	1 mW	3 mW	5 mW	10 mW	20 mW
Operating mode	CW									
Transversal mode structure	TEM00									
Spektral composition	multi mode									
Beam diameter	< 1.5 mm									
Divergence	< 1.2 mRad									
Pointing stability	0.2 mRad/ hr.					0.5 mRad/ hr.				
Polarisation	> 100 : 1									
Power stability	5 %/ hr.					20 %/ hr.				
Warm up time	<15 min.									
Operating temperature	+ 10° - + 40° C					+ 15° - + 35° C				
Warranted lifetime	> 2500 hrs.									
Average lifetime	> 5000 hrs.									
Laser head dimensions	62 x 40 x 26 mm									
Power supply dimensions	169 x 132 x 72 mm (74 x 48 x 35 mm)									
Mains supply	220 VAC, 110 VAC, (12/ 5VDC)									
Power consumption	30 VA (20 VA)									



The systems are provided with a factory calibrated power supply in order to ensure stated performance parameters.