



CW-DPSS Laser MPIR-Series

These systems are medium output power lasers providing 100, 200 and 400mW with an emission wavelength of 1064 nm. An improved power stability of < 5% within the operating temperature of 10 - 40° Celsius makes these systems suitable for more demanding applications. The systems are provided with factory calibrated power supply.

Laser	MPIR-100	MPIR-200	MPIR-400
Wavelength	1064 nm		
Output power	100 mW	200 mW	400 mW
Operating mode	CW		
Transversal mode structure	TEM00		
Spektral composition	multi mode		
Beam diameter	< 1 mm		
Divergence	< 1.2 mRad		
Pointing stability	0.2 mRad/ hr.		
Polarisation	> 100 : 1		
Power stability	< 5%/ hr.		
Noise	10 %		
Operating temperature	+ 10° - + 40° C		
Warranted lifetime	>3000 hrs.		
Average lifetime	>5000 hrs.		
Laser head dimensions	196 × 73 × 46.2 mm		
Power supply dimensions	206 × 137 × 75 mm		
Mains supply	100/ 240 VAC		
Power consumption	55 VA		

