



CW-DPSS Laser MPIR-M-Series

With an emission wavelength of 1342 nm the MPIR-M systems provide output powers at 20, 50 and 100mW . Like the standart MPIR-series these units exhibit an improved power stability of < 5% within the operating temperature of 10 - 40° Celsius. The lasers are provided with factory calibrated power supply.

Laser	MPIR-M-20	MPIR-M-50	MPIR-M-100
Wavelength	1342 nm		
Output power	20 mW	50 mW	100 mW
Operating mode	CW		
Transversal mode structure	TEM00		
Spektral composition	multi mode		
Beam diameter	< 1.2 mm		
Divergence	< 1.5 mRad		
Pointing stability	0.2 mRad/ hr.		
Polarisation	> 100 : 1		
Power stability	< 5%/ 4hrs.		
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		

