

Technical data sheet ML- 67SM- 650-3

Laser module with beam modulation and holographic diffuser for laser beam averaging and de-polarizing



Technical data	
Safety class	3R acc.to PN-EN 60825-1:2014
Wave length	$\lambda = 650 \text{ nm} \pm 10 \text{ nm}$
Optic power	$2.5 \text{ mW} \pm 0.1 \text{ mW}$
Modulation frequency	2.5 KHz
Modulation depth	100%
Filling	50%
Power supply	3 VDC \pm 0,5 V (or other as approved)
Current consumption	< 30 mA
Focus adjustment - after screwing off the housing,	loosen set screw M 2.5 (Allen wrench 1,3 mm) and move the bushing with the diode
Housing and dimensions	Aluminium housing, black, dimensions: $\varnothing 28 \times 122 \text{ mm}$
Cable	TLWY 2 x 0,124
Cable labeling	(+)red, (-) blue
Guarantee	2 years

Note:

1. Positive pole of power supply is connected with laser housing.
2. Protect power supply against temporary surges exceeding 6 V. In case of power supply from simple mains power supplies, one should first turn on mains power supply and then laser module power supply