

Technical data sheet

ML-44PGK-635-9

Laser cross generator



Technical data	
Laser module is equipped with internal controller for stabilization of average output power, soft-start system, protection against damage due to reverse polarization of supply voltage and ESD safety system.	
Safety class	1M acc. to PN-EN 60825-1:2014
Wave length	635 nm \pm 10 nm
Optic power	9.5 mW \pm 0.5 mW
Power supply	3 V – 6 V (preferred 3 VDC)
Current consumption	< 100 mA
Generated cross angle	80° x 70° (\pm 10°)
Right angle length	< 0.2°
Factory focusing length (the thinnest line setting)	0.85 m \pm 0.02 m
Housing and dimensions	Aluminium housing, black, ϕ 16 mm x 60 mm
Cable	Round cable ϕ 2.8 mm, length 0.6 m \pm 0.02 m, LEMO 1 joint
Cable labeling	(+) inner wire, (-) screen
Guarantee	2 years

Note:

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