

Laser module № 47



Green Cross-Line Laser.

Compact size for general application.

This module has integrated wavy lens, collimating lens, laser diode, and APC driver circuit.

APC driver circuit enables the Laser output power safe and constant.

Includes patented solid brass structure for the best shock resistance and better heat transfer consideration.

Multiple plastic aspherical lenses and wavy lens provides Cross-Line Laser.

SPECIFICATIONS	№-47
1 Dimensions	Φ13 x 66 mm (Φ0.512" x 2.598")
2 Operating voltage (Vop)	2.7~3.3 VDC
3 Operating current (Iop)	≤ 300mA
4 Continuous wave output power (Center/Total)	<1mW / 2.5mW

5	Wavelength at peak emission (λ_p)	532nm
6	Cylindrical lens	Wavy Plastic Lens
7	Collimating lens	Aspherical Plastic Lens($\phi 5$)
8	Laser line Width	3.5 \pm 1mm@5m
9	Laser line accuracy	80" (+/- 2mm @5m)
10	Emitting angle	> 60°
11	Operating temp. range	+15°C ~ +35°C
12	Storage temp. range	-20°C ~ +65°C
13	Housing	Brass
14	Mean time to failure (MTTF) 25°C	3000hrs