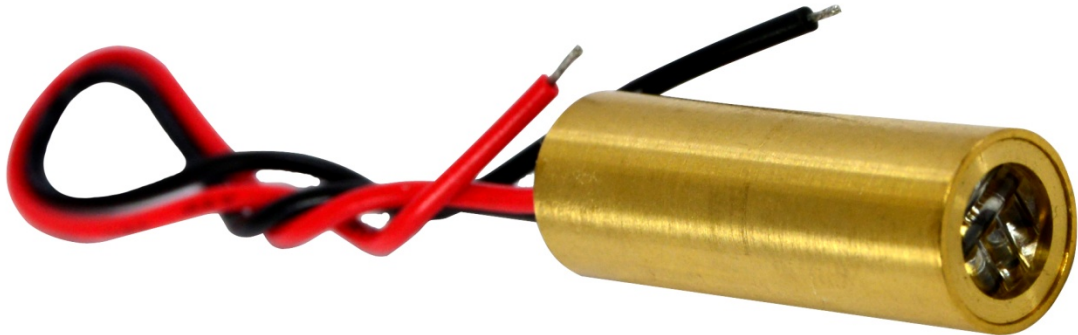


## Laser module № 29



Dimensions:  $\Phi 9 \times 26$  mm( $\Phi 0.354'' \times 1.024''$ )

Wavelength : 650 nm

Output power (Center/Total) : Class II – less than 1mW / 2mW

Laser line accuracy: 80".

Emitting angle:  $> 60^\circ$

2.6~5 VDC operation.

Connection type: Lead wire

### APPLICATIONS:

Red Cross-Line Laser, for leveling, alignment, adjusting, positioning, measuring, targeting, pointing and laser sighting device.

Wood processing.

Metal processing.

Stone processing.

Textile industry.

Food industry.

Automotive industry.

Medical science

Red Cross-Line Laser.

Economical solution for Laser Cross-Line generator applications.

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.

Aspherical Plastic Lens and Plastic Wavy Lens provides Cross-Line Laser.

SPECIFICATIONS	650-29
1 Dimensions	Φ9 x 26 mm(Φ0.354" x 1.024")
2 Operating voltage (Vop)	2.6~5 VDC
3 Operating current (Iop)	< 35mA
4 Continuous wave output power(Center)	<1mW
5 Continuous wave output power (Total)	2mW
6 Wavelength at peak emission (λp)	645~665nm
7 Wavy lens	Plastic Lens
8 Collimating lens	Aspherical plastic lens(ø5)
9 <b>Laser line Width</b>	3.5 ±1mm@5m
10 Laser line accuracy	80" (+/- 2mm @5m)
11 <b>Emitting angle</b>	> 60°
12 Operating temp. range	+15°C ~ +30°C (Room Temperature)
13 Storage temp. range	-20°C ~+65°C
14 Housing	Brass
15 Mean time to failure (MTTF) 25°C	10000hrs