

Features

- ▶ Typical wavelength, 635nm
 - ▶ Stabilized optical power 7mW
 - ▶ Single supply voltage, 5V DC
 - ▶ **Beam pattern : Cross (+)**
 - ▶ Combined Dual Laser Module
 - ▶ Low power consumption
 - ▶ Cylindrical glass lens
 - ▶ Wire length : 30cm(standard) or custom
 - ▶ Laser class : III b
- ◆ **Option : Bracket & Power supply.**

Specification

● Optical

Optical power(mW)	7(Tc=25°C)
LD power(mW)	10(Max)
Wavelength(nm)	635 ±5
Fan angle(°)	90
Beam line width(mm)	< 1 (at 1m)

● Electrical

Operating voltage(DC V)	5 ± 5%
Operating current(mA)	75(Max)
Operating Temp.(°C)	-10 ~ +50
Storage Temp.(°C)	-40 ~ +85

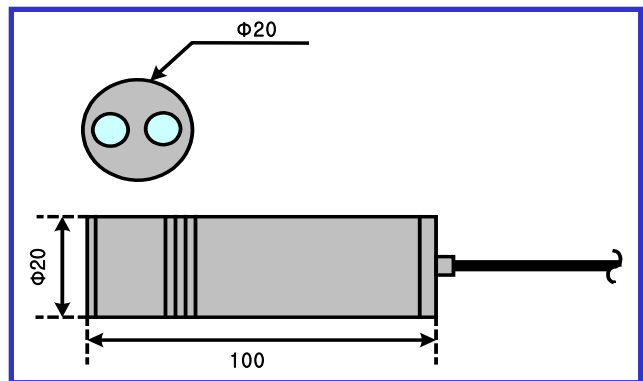
● Mechanical

Weight(g)	50 ±0.5
Dimensions(mm)	20Φ X100
Operating lifetime(h)	30,000~50,000(@RT)
Housing material	Aluminum

Description

The KC series laser diode module combines laser diode technology, quality optics, and sophisticated electronics within a slim and light aluminum anodized housing for variety of applications. This series of modules consist of two laser source(laser diode), and provides cross type(+) beam and a high-brightness laser line. Applications include a measurement, positioning, lighting, alignment, guidelines, pointing, switching, leveling, and machine vision etc. Useful in a variety of medical, industrial, and scientific instrumentation, as well as general R&D work.

Drawings



* Range of fan angle

Symbol	Angle	Line length [mm] (distance 1m)	
		Inclined at 90°	Inclined at 45°
4D	45°	830	2000
6D	60°	1,160	3500
9D	90°	2,000	About 5000
12D	120°	3,400	About 8000

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