



## RGL-830-9B

- 3 Glass Lens Laser Diode Collimator
- EFL = 8.3 mm, N.A = 0.30
- ARC 400-450 nm
- Threaded design



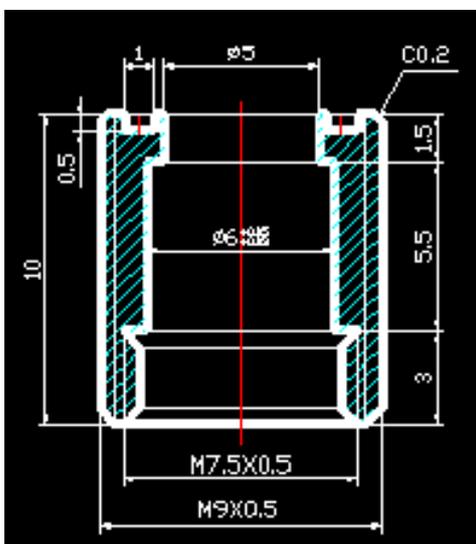
### Description

**RGL-830-9B** is a 3 glass lens laser diode collimator, featuring a brass housing with a M9x0.5 fine pitched thread. The accommodated glass lens has a **focal length** of **8.3 mm** and comes with an **anti-reflection coating** for the blue wavelength range (**400-450 nm**), making it ideally suitable for violet and blue laser diodes. **RGL-830-9B** can be used in conjunction with our **LDMT** series of laser diode mounting tubes (see page 2).

### Specification

Parameter	Values	Unit
Effective Focal Length	8.3	mm
Numerical Aperture	0.30	
Clear Aperture	5.0	mm
Anti-Reflection Coating	400 - 450	nm
Thread	M9 x 0.5	mm
Dimensions	Ø9 x 10	mm
Material body	brass, black burnished	
Material lens	glass	

### Outline Dimensions



All dimensions in mm



## Accessories

### LDMT Laser Diode Mounting Tube



- Available for 5.6 mm and 9.0 mm laser diodes
- Inside thread M9x0.5
- AlCuBiPb F37, black anodized
- Compatible with RGL laser diode collimators

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