



RGL-550-9R

- Single Glass Lens Laser Diode Collimator
- $f = 5.5 \text{ mm}$, $N.A = 0.45$
- ARC 630-670 nm
- Threaded design



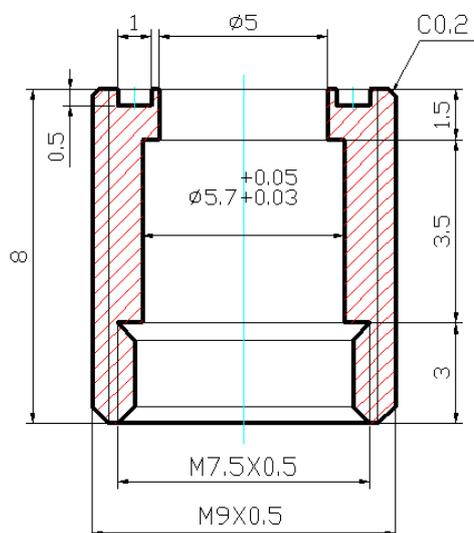
Description

RGL-550-9R is a single glass lens laser diode collimator, featuring a brass housing with a M9x0.5 fine pitched thread. The accommodated glass lens has a **short focal length** of only **5.5 mm** and comes with a **anti reflection coating** for the red wavelength range (**630-670 nm**), making it ideally suitable for red laser diodes. **RGL-550-9R** can be used in conjunction with our **LDMT** series of laser diode mounting tubes (see page 2).

Specification

Parameter	Values	Unit
Focal Length	5.5	mm
Numerical Aperture	0.45	
Anti-Reflection Coating	630 - 670	nm
Thread	M9 x 0.5	mm
Dimensions	Ø9 x 8.0	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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