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## 25mm Dia. Broadband IR Laser Mirror



Stock #33-000 **4 In Stock**

MRP ₹31,781

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹31,781 each
Qty 6-24	₹28,451 each
Qty 25+	₹27,442 each
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#### General

Laser Mirror **Type:**

#### Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

90 **Clear Aperture (%):**

25.00 +0.00/-0.12	<b>Diameter (mm):</b>
6.00 ±0.15	<b>Thickness (mm):</b>
<50 RMS	<b>Surface Roughness (□):</b>
<b>Optical Properties</b>	
20-10	<b>Surface Quality:</b>
R <sub>avg</sub> >98.8% @ 2 - 20µm	<b>Coating Specification:</b>
2000 - 20000	<b>Wavelength Range (nm):</b>
λ/20 @ 10.6µm	<b>Surface Flatness (P-V):</b>
Metal	<b>Coating Type:</b>
Bare Gold	<b>Coating:</b>
Copper	<b>Substrate:</b> □
Typical: 50 kW/cm <sup>2</sup>	<b>Damage Threshold, By Design:</b> □

<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>REACH 241:</b>
United Kingdom	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## Product Details

- Greater than 98% Reflectivity from 2 - 20µm
- Copper Substrate Mirrors
- High Damage Thresholds

Broadband IR Laser Mirrors are ideal for demanding infrared laser applications such as those utilizing quantum cascade or CO<sub>2</sub> lasers. Broadband IR Laser Mirrors utilize a copper substrate to significantly increase the laser damage threshold and to dissipate the excess heat generated from high power infrared lasers. Because copper mirrors adequately dissipate excess heat, they feature superior mechanical stability than other substrates.

## Compatible Mounts