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TECHSPEC® 8mm Diameter 45° Rod Mirror Aluminum Coated



45° Rod Mirrors

Stock #49-400 **20+ In Stock**

⊖ 1 ⊕ €155⁰⁰

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Volume Pricing	
Qty 1-5	€155,00 each
Qty 6-25	€140,00 each
Qty 26-49	€124,00 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Rod Lens **Type:**

Coating on Elliptical Surface **Note:**

Physical & Mechanical Properties

Diameter (mm):

8.00 +0.00/-0.05

16.00 **Length (mm):**

Protective as needed **Bevel:**

±0.1 **Length Tolerance (mm):**

Optical Properties

Protected Aluminum (400-700nm) **Coating:**

[N-BK7](#) **Substrate:**

40-20 **Surface Quality:**

±10 **Angle Tolerance (arcmin):**

$R_{avg} > 85\%$ @ 400 - 700 nm **Coating Specification:**

90 **Ray Deviation (°):**

400 - 700 **Wavelength Range (nm):**

Metal **Coating Type:**

0.3 J/cm² @ 532nm & 1064nm, 10ns **Damage Threshold, By Design:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 219:**

[View](#) **Certificate of Conformance:**

Product Details

- Protected Aluminum Coating
- Reflect Light at 90°

TECHSPEC® 45° Rod Mirrors are designed for use in a variety of laser and imaging systems. The mirrors can be used to redirect laser light at 90°. Their small diameters make them ideal for use in fiberscope/borescope applications where size is critical. TECHSPEC 45° Rod Mirrors feature polished elliptical surfaces and ground circumferences and bases. These components are available in a range of micro sizes for integration into a host of OEM applications.

Technical Information

