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**TECHSPEC® 12mm Diameter 45° Rod Mirror Aluminum Coated**



45° Rod Mirrors

Stock **#45-945** **20+ In Stock**

⊖ 1 ⊕ £138<sup>40</sup>

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Volume Pricing	
Qty 1-5	£138.40 each
Qty 6-25	£124.00 each
Qty 26-49	£110.40 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):**

12.00 +0.00/-0.05

20.00 **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<sub>avg</sub> >85% @ 400 - 700nm **Coating Specification:**

90 **Ray Deviation (°):**

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

Metal **Coating Type:**

0.3 J/cm<sup>2</sup> @ 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

