

[See all 10 Products in Family](#)

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



45° Rod Mirrors

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

⊖ 1 ⊕ C\$242.20

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$242.20 each
Qty 6-25	C\$217.00 each
Qty 26-49	C\$193.20 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Rod Lens **Type:**  
Coating on Elliptical Surface **Note:**

**Physical & Mechanical Properties**

12.00 +0.00/-0.05 **Diameter (mm):**

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

