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**TECHSPEC® 1mm Diameter 45° Rod Mirror Aluminum Coated**



45° Rod Mirrors

Stock #47-628 **4 In Stock**

⊖ 1 ⊕ £130<sup>00</sup>

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Volume Pricing	
Qty 1-5	£130.40 each
Qty 6-25	£117.60 each
Qty 26-49	£104.00 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):

1.00 +0.00/-0.05

2.00

Length (mm):

Bevel:

Protective as needed

Length Tolerance (mm):

±0.1

## Optical Properties

Coating:

Protected Aluminum (400-700nm)

Substrate:

[N-BK7](#)

Surface Quality:

40-20

Angle Tolerance (arcmin):

±10

Coating Specification:

$R_{avg} > 85\%$  @ 400 - 700nm

Ray Deviation (°):

90

Wavelength Range (nm):

400 - 700

Coating Type:

Metal

Damage Threshold, By Design:

0.3 J/cm<sup>2</sup> @ 532nm & 1064nm, 10ns

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 219:

[Compliant](#)

Certificate of Conformance:

[View](#)

## 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

