

TECHSPEC<sup>®</sup> 8mm Diameter 45° Rod Mirror Aluminum Coated



45° Rod Mirrors

Stock #49-400 1 In Stock

-

1

+

€155<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €155,00 each                  |
| Qty 6-25       | €140,00 each                  |
| Qty 26-49      | €124,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

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     |                        |
|                      | Length (mm):           |
| 16.00                |                        |
|                      |                        |
|                      | Bevel:                 |
| Protective as needed |                        |
|                      |                        |
|                      | Length Tolerance (mm): |
| ±0.1                 |                        |

Optical Properties

|                                             |                                                       |
|---------------------------------------------|-------------------------------------------------------|
|                                             | Coating:                                              |
| Protected Aluminum (400-700nm)              |                                                       |
|                                             |                                                       |
|                                             | Substrate: <input type="checkbox"/>                   |
| N-BK7                                       |                                                       |
|                                             |                                                       |
|                                             | Surface Quality:                                      |
| 40-20                                       |                                                       |
|                                             |                                                       |
|                                             | Angle Tolerance (arcmin):                             |
| ±10                                         |                                                       |
|                                             |                                                       |
|                                             | Coating Specification:                                |
| R <sub>avg</sub> >85% @400 - 700 nm         |                                                       |
|                                             |                                                       |
|                                             | Ray Deviation (°):                                    |
| 90                                          |                                                       |
|                                             |                                                       |
|                                             | Wavelength Range (nm):                                |
| 400 - 700                                   |                                                       |
|                                             |                                                       |
|                                             | Coating Type:                                         |
| Metal                                       |                                                       |
|                                             |                                                       |
|                                             | Damage Threshold, By Design: <input type="checkbox"/> |
| 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

