

TECHSPEC<sup>®</sup> 1mm Diameter 45° Rod Mirror Aluminum Coated



45° Rod Mirrors

Stock **#47-628** 12 In Stock

-

1

+

€163<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €163,00 each                  |
| Qty 6-25       | €147,00 each                  |
| Qty 26-49      | €130,00 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):

|                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| 1.00 +0.00/-0.05                             |                                                       |
| 2.00                                         | Length (mm):                                          |
|                                              |                                                       |
| Protective as needed                         | Bevel:                                                |
|                                              |                                                       |
| ±0.1                                         | Length Tolerance (mm):                                |
| Optical Properties                           |                                                       |
| Protected Aluminum (400-700nm)               | Coating:                                              |
| N-BK7                                        | Substrate: <input type="checkbox"/>                   |
| 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: <input type="checkbox"/> |
| 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

