

TECHSPEC<sup>®</sup> 15 x 15mm Protected Gold,  $\lambda/4$  Mirror



Stock **#45-727** 20+ In Stock

-

1

+

C\$125<sup>.30</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$125.30 each                |
| Qty 6-25       | C\$100.80 each                |
| Qty 26-49      | C\$93.80 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                  |
|----------------------------------|------------------|
| Flat Mirror                      | Type:            |
| Physical & Mechanical Properties |                  |
| 2.00 ±0.25                       | Thickness (mm):  |
| 15.0 x 15.0                      | Dimensions (mm): |

|                      |                             |
|----------------------|-----------------------------|
| Commercial Polish    | Back Surface:               |
| Protective as needed | Bevel:                      |
| 85                   | Clear Aperture (%):         |
| ±0.25                | Dimensional Tolerance (mm): |
| Fine Ground          | Edges:                      |
| 15.00                | Length (mm):                |
| 15.00                | Width (mm):                 |

|                                                         |                                |
|---------------------------------------------------------|--------------------------------|
| Optical Properties                                      |                                |
| 0.7 - 10                                                | Wavelength Range (µm):         |
| Metal                                                   | Coating Type:                  |
| Protected Gold (700-10000nm)                            | Coating:                       |
| λ/4                                                     | Surface Flatness (P-V):        |
| 700 - 10000                                             | Wavelength Range (nm):         |
| BOROFLOAT®                                              | Substrate: □                   |
| Ravg >96% @ 700 - 2000nm<br>Ravg >96% @ 2000 - 10,000nm | Coating Specification:         |
| 60-40                                                   | Surface Quality:               |
| 0.8 J/cm² @ 1064nm, 10ns                                | Damage Threshold, Reference: □ |

|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| View                  | Certificate of Conformance: |
| Compliant             | Reach 247:                  |

## Product Details

- Available in a Wide Range of Sizes and Shapes
- Precision Metallic Mirror Coatings
- Contact Us for Custom Sizes

TECHSPEC® λ/4 First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The coated surface should be oriented to reflect incident light. TECHSPEC λ/4 First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a range of optical mounts to facilitate application integration. The mirrors have available coatings of enhanced aluminum, protected aluminum, protected silver, and protected gold.

**Note:** Surface flatness is measured before coating.

Arange of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings , and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our custom manufacturing capabilities or submit an inquiry here.

## Compatible Mounts