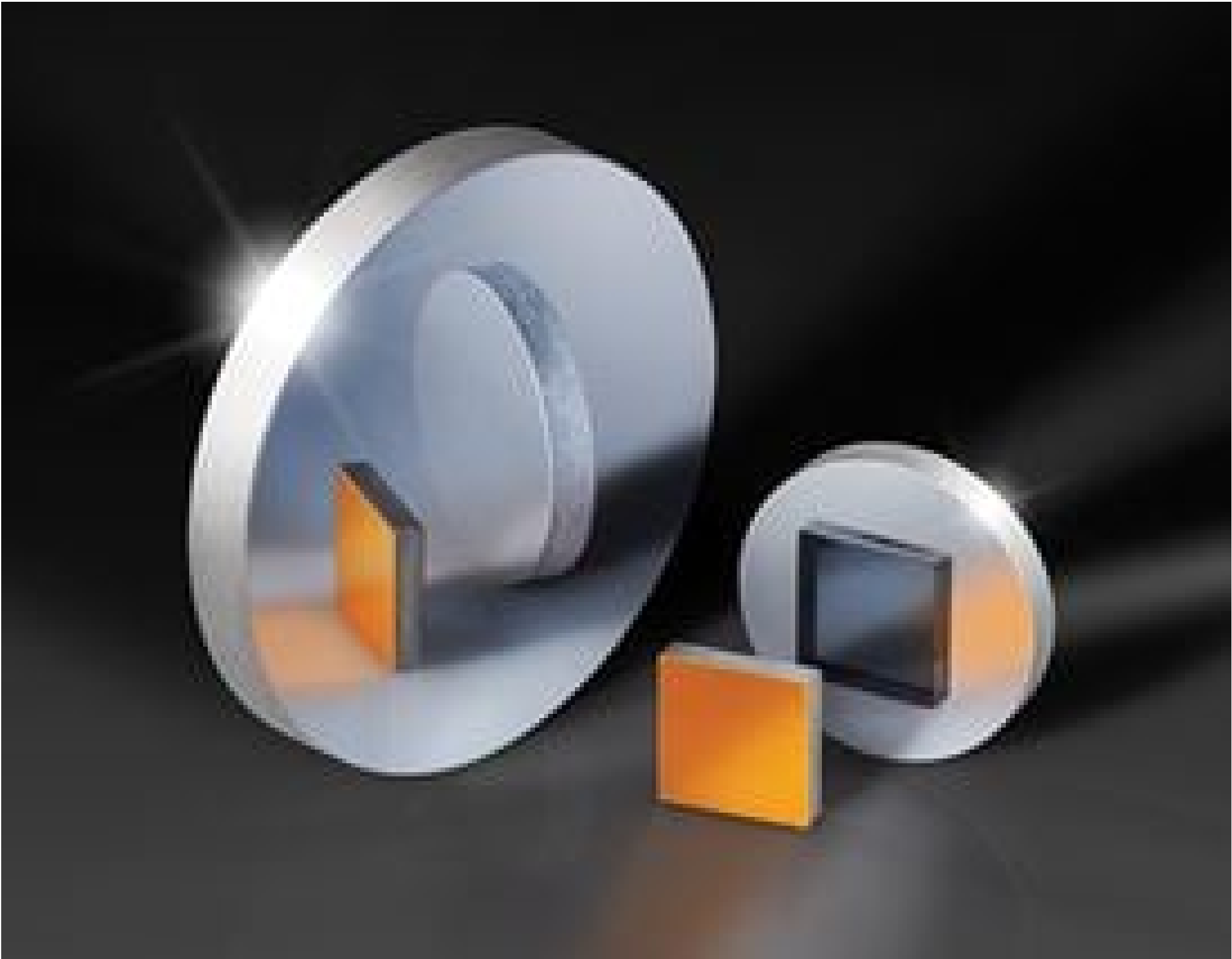


TECHSPEC<sup>®</sup> 75mm Dia UV Enhanced Aluminum, λ/20 Mirror



Stock **#70-300** [CONTACT US](#)

-

1

+

€540<sup>.75</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €540,75 each                  |
| Qty 6-25       | €431,57 each                  |
| Qty 26-49      | €404,79 each                  |
| Need More?     | <a href="#">Request Quote</a> |

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:  
Flat Mirror

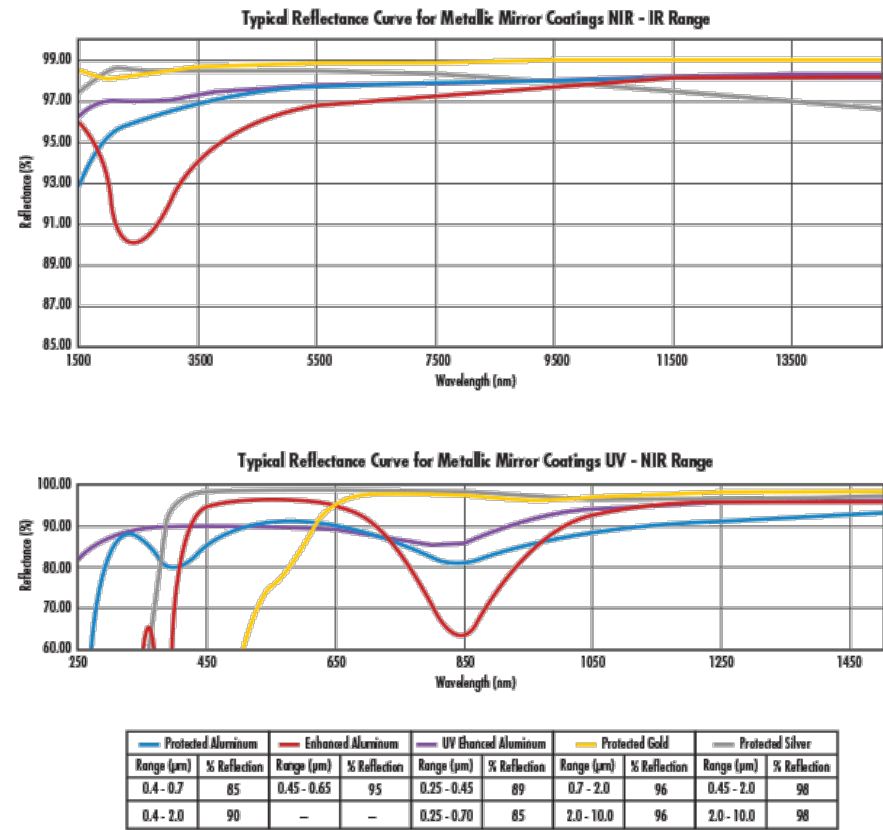
| Physical & Mechanical Properties                                           |                                     |
|----------------------------------------------------------------------------|-------------------------------------|
| 75.00 +0.0/-0.20                                                           | Diameter (mm):                      |
| Commercial Polish                                                          | Back Surface:                       |
| 90.00                                                                      | Clear Aperture (%):                 |
| Ground, protective bevel as needed                                         | Edges:                              |
| 30.00                                                                      | Parallelism (arcsec):               |
| 7.50 ±0.20                                                                 | Thickness (mm):                     |
| Optical Properties                                                         |                                     |
| λ/20 (flatness pre-coating)                                                | Surface Flatness (P-V):             |
| Fused Silica (Corning 7980)                                                | Substrate: <input type="checkbox"/> |
| 20-10                                                                      | Surface Quality:                    |
| R <sub>avg</sub> >85% @ 250 - 700nm<br>R <sub>avg</sub> >89% @ 250 - 450nm | Coating Specification:              |
| UV Enhanced Aluminum (250-700nm)                                           | Coating:                            |
| Metal                                                                      | Coating Type:                       |
| 250 - 700                                                                  | Wavelength Range (nm):              |
| Regulatory Compliance                                                      |                                     |
| Compliant                                                                  | RoHS 2015:                          |
| View                                                                       | Certificate of Conformance:         |
| Compliant                                                                  | Reach 247:                          |

## PRODUCT DETAILS

- Precision Fused Silica Substrate
  - 20-10 Surface Quality
  - Low Coefficient of Thermal Expansion
- TECHSPEC® λ/20 First Surface Mirrors are polished to industry leading surface accuracy and quality specifications to minimize reflected wavefront error. These mirrors feature a precision fused silica substrate with a low coefficient of thermal expansion. Multiple coating options are available, allowing these mirrors to be integrated into applications spanning the visible through infrared spectra. TECHSPEC® λ/20 First Surface Mirrors are ideal for beam steering and reflection applications and are available in a variety of size, thickness, and coating options.

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

## TECHNICAL INFORMATION



## 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](#).