

**TECHSPEC® 5mm Dia., Vacuum UV (VUV) Mirror**



Precision Ultraviolet Mirrors

Stock **#18-725** **14 In Stock**

MRP ₹27,544

**Price inclusive of all taxes**

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹27,544 each
Qty 6-25	₹21,894 each
Qty 26-49	₹20,582 each
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Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

5.00 +0.0/-0.2 **Diameter (mm):**

**Thickness (mm):**

2.00 ±0.20

Commercial Polish

Back Surface:

90

Clear Aperture (%):

<30

Parallelism (arcsec):

## Optical Properties

Metal

Coating Type:

Enhanced Aluminum (120-600nm)

Coating:

λ/10

Surface Flatness (P-V):

120 - 600

Wavelength Range (nm):

120

Design Wavelength DWL (nm):

Fused Silica (Corning 7980)

Substrate:

0

Angle of Incidence (°):

R<sub>avg</sub> ≥78% @ 120 - 125nm  
R<sub>avg</sub> ≥85% @ 120 - 600nm

Coating Specification:

20-10

Surface Quality:

## Material Properties

10<sup>-7</sup> Torr

Vacuum Compatibility:

## Regulatory Compliance

Compliant

RoHS 2015:

View

Certificate of Conformance:

Compliant

REACH 241:

United States

Country of Origin:

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

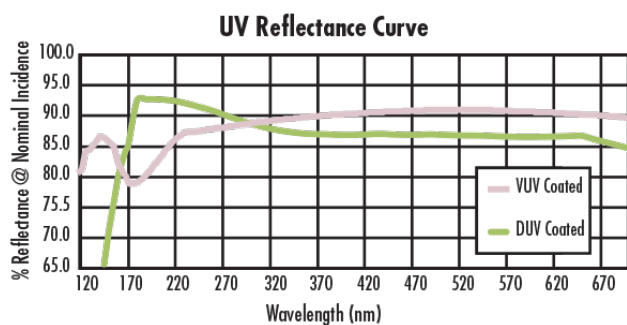
## Product Details

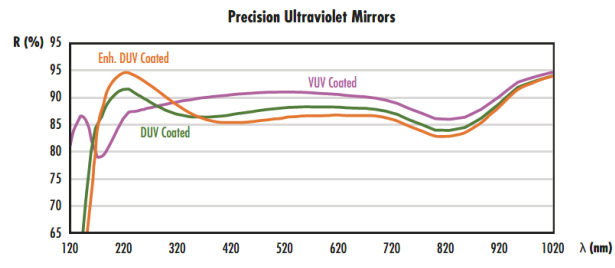
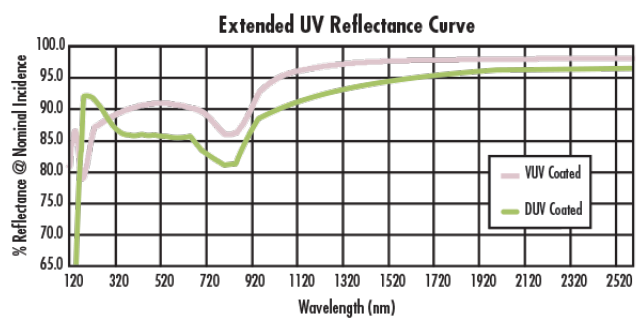
- 120nm and 190nm Design Wavelengths
- Average Reflectivity >85% Across Specified Range
- Enhanced Metallic Coatings for Broadband Reflectivity through the Visible Region

TECHSPEC® Precision Ultraviolet Mirrors are ideal for most commercially available light sources and are offered in both Deep UV (DUV) and Vacuum UV (VUV) enhanced coating options. The DUV coating offers excellent reflection from 190nm to the long-wave infrared (LWIR), while the VUV coating has optimized reflection from 120nm to the LWIR. These mirrors are designed for 0° angle of incidence and feature an aluminum-based coating for low polarization sensitivity. TECHSPEC® Precision Ultraviolet Mirrors have an average reflectivity of greater than 85% across a specified range. The mirrors are available in diameters ranging from 5 to 50mm.

**Note:** The soft coating can be easily damaged by fingerprints and aerosols.

## Technical Information





## Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

## Compatible Mounts