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**TECHSPEC® 12.5mm Dia., Vacuum UV (VUV) Mirror**



Precision Ultraviolet Mirrors

Stock **#33-912** [CONTACT US](#)

1 MRP ₹29,763

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹29,763 each
Qty 6-25	₹23,608 each
Qty 26-49	₹22,096 each
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Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

12.50 +0.0/-0.2 **Diameter (mm):**

**Thickness (mm):**

6.00 ±0.20

Ground **Back Surface:**

90 **Clear Aperture (%):**

<3 **Parallelism (arcmin):**

### 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** (Coming 7980) **Substrate:** □

0 **Angle of Incidence (°):**

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

10-5 **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

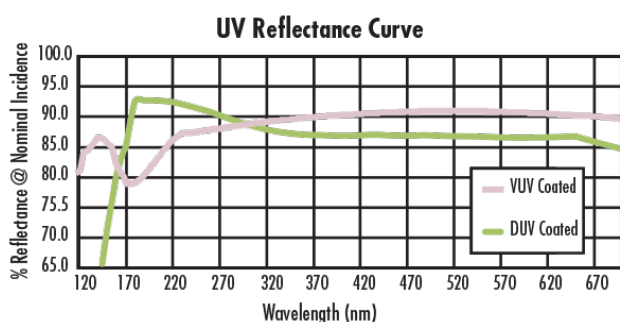
## Product Details

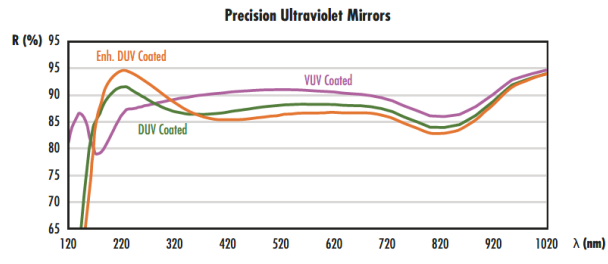
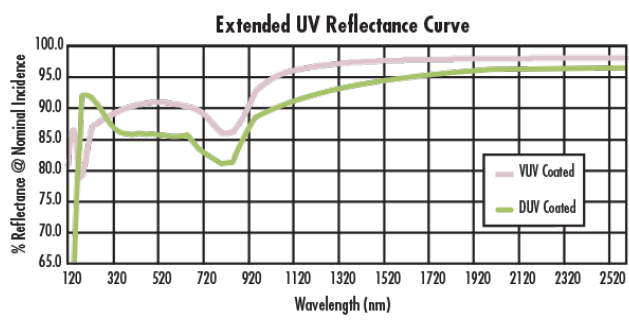
- 120nm and 190nm Design Wavelengths
- Average Reflectivity >85% Across Specified Range
- Enhanced Metallic Coatings for Broadband Reflectivity through the Visible Region

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