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## DUV Waveplate $\lambda/2$ 257nm 12.7mm Dia



Stock #29-969 **3 In Stock**

- 1 + MRP ₹51,454

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹51,454 each
Qty 6+	₹40,054 each
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### General

Crystalline Waveplate **Type:**

Air spaced; no mounting glue; no glue contacted spacer between crystals **Configuration:**

### Physical & Mechanical Properties

>7 **Clear Aperture CA (mm):**

12.70 +0.00/-0.25	<b>Diameter (mm):</b>
6.00	<b>Thickness (mm):</b>
Crystalline	<b>Construction:</b>
<3	<b>Parallelism (arcsec):</b>

## Optical Properties

Laser V-Coat (257nm)	<b>Coating:</b>
257	<b>Design Wavelength DWL (nm):</b>
Crystal Quartz	<b>Substrate:</b> □
$\lambda/2$	<b>Retardance:</b>
10-5	<b>Surface Quality:</b>
$\lambda/10$ @632.8nm	<b>Transmitted Wavefront, P-V:</b>
$\pm\lambda/100$ @20°C	<b>Retardance Tolerance:</b>
0.0001	<b>Temperature Coefficient (<math>\lambda</math>/°C):</b>
R<0.2% @257nm	<b>Coating Specification:</b>
0	<b>Retardance Order:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>
Lithuania	<b>Country of Origin:</b>
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	<b>Imported By:</b>

## Product Details

- 257nm and 266nm Deep UV Wavelengths Available
- Ideal For Vacuum Compatible Applications
- Non-Anodized Mount and Adhesive-Free Construction

DUV Vacuum-Compatible Waveplates are mounted in an anodized aluminum housing and feature adhesive-free construction for low outgassing in vacuum environments. These waveplates are optimized for >99.8 transmission at 257 or 266nm designed wavelengths, with  $\lambda/2$  or  $\lambda/4$  retardance options for each. Featuring a superior retardation tolerance and zero-order construction, these waveplates have increased bandwidth and lower sensitivity to temperature change. DUV Vacuum-Compatible Waveplates have the fast axis marked on the edge of the mount for easy identification and system integration. These waveplates are ideal for life-science and lithography applications which require a vacuum environment.