

## DUV Waveplate $\lambda/4$ 257nm 12.7mm Dia



Stock #29-984 [CONTACT US](#)

- 1 + £408.<sup>00</sup>

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### Volume Pricing

Qty 1-5	£408.00 each
Qty 6+	£317.60 each
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**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### 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>
<b>Optical Properties</b>	
Laser V-Coat (257nm)	<b>Coating:</b>
257	<b>Design Wavelength DWL (nm):</b>
Crystal Quartz	<b>Substrate:</b> □
$\lambda/4$	<b>Retardance:</b>
10-5	<b>Surface Quality:</b>
$\lambda/10 @632.8\text{nm}$	<b>Transmitted Wavefront, P-V:</b>
$\pm\lambda/100 @20^\circ\text{C}$	<b>Retardance Tolerance:</b>
0.0001	<b>Temperature Coefficient (<math>\lambda^\circ\text{C}</math>):</b>
$R<0.2\% @257\text{nm}$	<b>Coating Specification:</b>
0	<b>Retardance Order:</b>

<b>Regulatory Compliance</b>	
<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>

## 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 unanodized 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.