

## DUV Waveplate $\lambda/2$ 266nm 12.7mm Dia



Stock #29-968 **5 In Stock**

- 1 + \$714.<sup>00</sup>

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### Volume Pricing

Qty 1-5	\$714.00 each
Qty 6+	\$555.80 each
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### 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):**

**Diameter (mm):**

12.70 +0.00/-0.25

6.00 Thickness (mm):

Crystalline Construction:

<3 Parallelism (arcsec):

## Optical Properties

Laser V-Coat (266nm) Coating:

266 Design Wavelength DWL (nm):

Crystal Quartz Substrate:

$\lambda/2$  Retardance:

10-5 Surface Quality:

$\lambda/10$  @632.8nm Transmitted Wavefront, P-V:

$\pm\lambda/100$  @20°C Retardance Tolerance:

0.0001 Temperature Coefficient ( $\lambda^\circ\text{C}$ ):

R<0.2% @266nm Coating Specification:

0 Retardance Order:

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 247:

## 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.