

DUV Waveplate $\lambda/4$ 266nm 12.7mm Dia



Stock **#29-983** [CONTACT US](#)

-

1

+

€482^{,04}

ADD TO CART

Volume Pricing	
Qty 1-5	€482,04 each
Qty 6+	€374,92 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Crystalline Waveplate

Configuration:

Air spaced; no mounting glue; no glue contacted

spacer between crystals

Physical & Mechanical Properties

>7	Clear Aperture CA (mm):
12.70 +0.00/-0.25	Diameter (mm):
6.00	Thickness (mm):
Crystalline	Construction:
<3	Parallelism (arcsec):

Optical Properties

Laser V-Coat (266nm)	Coating:
266	Design Wavelength DWL (nm):
Crystal Quartz	Substrate: □
λ/4	Retardance:
10-5	Surface Quality:
λ/10 @632.8nm	Transmitted Wavefront, P-V:
±λ/100 @20°C	Retardance Tolerance:
0.0001	Temperature Coefficient (λ/°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 λ/2 or λ/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.