

[See all 126 Products in Family](#)

76.2mm Dia. 355nm $\lambda/2$ Quartz Waveplate Zero Order



Stock **#85-063** 1 In Stock

-

1

+

₹1,94,236

ADD TO CART

Volume Pricing	
Qty 1+	₹1,94,236 each
Need More?	Request Quote

Product Downloads

General	
Crystalline Waveplate	Type:
Physical & Mechanical Properties	
46.00	Clear Aperture CA (mm):
76.20 +0.00/-0.25	Diameter (mm):
10.00 +0.00/-0.25	Thickness (mm):
	Construction:

Crystalline	
<3	Parallelism (arcsec):
Optical Properties	
Laser V-Coat (355nm)	Coating:
355	Design Wavelength DWL (nm):
Crystal Quartz	Substrate: □
$\lambda/2$	Retardance:
10-5	Surface Quality:
$\lambda/8$ for central 80% of clear aperture	Transmitted Wavefront, P-V:
$\pm\lambda/100$	Retardance Tolerance:
0.0001	Temperature Coefficient ($\lambda/^{\circ}\text{C}$):
0	Retardance Order:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 240:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Zero Order and Multiple Order Waveplates
- $\lambda/4$ and $\lambda/2$ Retardance
- Mounted in Black Anodized Aluminum Frame
- [Zero Order Polymer Waveplates](#) Also Available

Quartz Waveplates (Retarders) are available in multiple order and zero order. These waveplates are ideal for a range of applications. Multiple order waveplates are ideal for applications where the wavelength deviates less than $\pm 1\%$ from the design wavelength of the waveplate. For applications with a greater than $\pm 1\%$ deviation, zero order waveplates are recommended due to their increased bandwidth and lower sensitivity to temperature change. Quartz Waveplates (Retarders) have the fast axis marked on the edge of the mount to ease system integration.



Technical Information

