

50.8mm Dia. 1064nm $\lambda/2$ Quartz Waveplate Zero Order



Stock **#85-057** CLEARANCE [CONTACT US](#)

- 1 + **S\$1,519.53**

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Clear Aperture CA (mm):
34.00

Coating:
Laser V-Coat (1064nm)

Design Wavelength DWL (nm):
1064

Diameter (mm):
50.80 +0.00/-0.25

Substrate: ☐
Crystal Quartz

Retardance: λ/2
Surface Quality: 10-5
Thickness (mm): 9.00 +0.00/-0.25
Type: Crystalline Waveplate
Construction: Crystalline
Transmitted Wavefront, P-V: λ/8 for central 80% of clear aperture
Parallelism (arcsec): <3
Retardance Tolerance: ±λ/200
Temperature Coefficient (λ/°C): 0.0001
Damage Threshold, By Design: □ 3.5 J/cm ² @ 1064nm, 10ns
Retardance Order: 0

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View