

50.8mm Dia, 900 - 2100nm, $\lambda/2$ Achromatic Waveplate



Achromatic Waveplates (Retarders)

Stock **#39-053** ☐ In Stock

-

1

+

C\$4,368.00

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Qty 1-5
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Clear Aperture CA (mm):
>34.0

Coating:
R_{avg} <0.75% @ 900 - 2100nm

Diameter (mm):
50.80

Substrate: ☐

Crystal Quartz and MgF ₂
Retardance: λ/2
Surface Quality: 40-20
Thickness (mm): 6.00 ±0.2
Type: Achromatic Waveplate
Dimensional Tolerance (mm): +0/-0.25
Construction: Crystalline
Transmitted Wavefront, P-V: <λ/4 @ 632nm
Parallelism (arcsec): <10
Housing Tolerance (mm): +0/-0.25
Retardance Tolerance: λ/100 @ 20°C
Coating Specification: R _{avg} <0.75% @ 900 - 2100nm
Wavelength Range (nm): 900 - 2100
Damage Threshold, By Design: ☐ >5 J/cm ² @ 1064nm, 10ns, 10Hz
Configuration: Air Spaced

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant