

50.8mm Dia. 1550nm λ /4 Quartz Waveplate Zero Order



Stock #16-892 [CONTACT US](#)

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₹140,070.00

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Clear Aperture CA (mm):
35.0

Coating:
Laser V-Coat (1550nm)

Design Wavelength DWL (nm):
1550

Diameter (mm):
50.80 +0.00/-0.25

Substrate:
Crystal Quartz

Retardance: λ/4
Surface Quality: 20-10
Thickness (mm): 6.00 +0.00/-0.25
Type: Crystalline Waveplate
Construction: Crystalline
Transmitted Wavefront, P-V: <λ/8 @ 632.8 nm
Parallelism (arcsec): <3
Retardance Tolerance: ±λ/300
Temperature Coefficient (λ/°C): 0.0001
Coating Specification: R _{abs} <0.2% @ on each surface
Damage Threshold, By Design: ☐ >10 J/cm² @ 1064 nm, 10ns
Retardance Order: 0
Configuration: Air Spaced

Regulatory Compliance

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