

25.4mm Dia., 1030nm, λ/2 High Energy Waveplate



High Energy Quartz Waveplates

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1

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C\$1,057.00

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Clear Aperture CA (mm): 18.0
Coating: R _{avg} <0.2%
Design Wavelength DWL (nm): 1030
Diameter (mm):

25.40
Substrate: ☐ Crystalline Quartz
Retardance: $\lambda/2$
Surface Quality: 20-10
Type: High Energy Waveplate
Dimensional Tolerance (mm): +0/-0.2
Construction: Optically Bonded on UVFS (C7980) Substrate
Transmitted Wavefront, P-V: $<\lambda/10$ @ 632.8nm
Parallelism (arcsec): <3
Retardance Tolerance: $\lambda/300$ @ 20°C
Mount Thickness (mm): 6 ± 0.2
Damage Threshold, By Design: ☐ $>20 \text{ J/cm}^2$ @ 1064nm, 10ns, 10Hz
Retardance Order: 0

Regulatory Compliance

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