

25.4mm Dia., 780nm, $\lambda/2$ High Energy Waveplate



High Energy Quartz Waveplates

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Clear Aperture CA (mm):
18.0

Coating:
R_{avg} <0.2%

Design Wavelength DWL (nm):
780

Diameter (mm): 25.40
Substrate: ☐ Crystalline Quartz
Retardance: λ/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: <λ/10 @ 632.8nm
Parallelism (arcsec): <3
Retardance Tolerance: λ/300 @ 20°C
Mount Thickness (mm): 6 ±0.2
Damage Threshold, By Design: ☐ >20 J/cm² @ 1064nm, 10ns, 10Hz
Retardance Order: 0

Regulatory Compliance

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