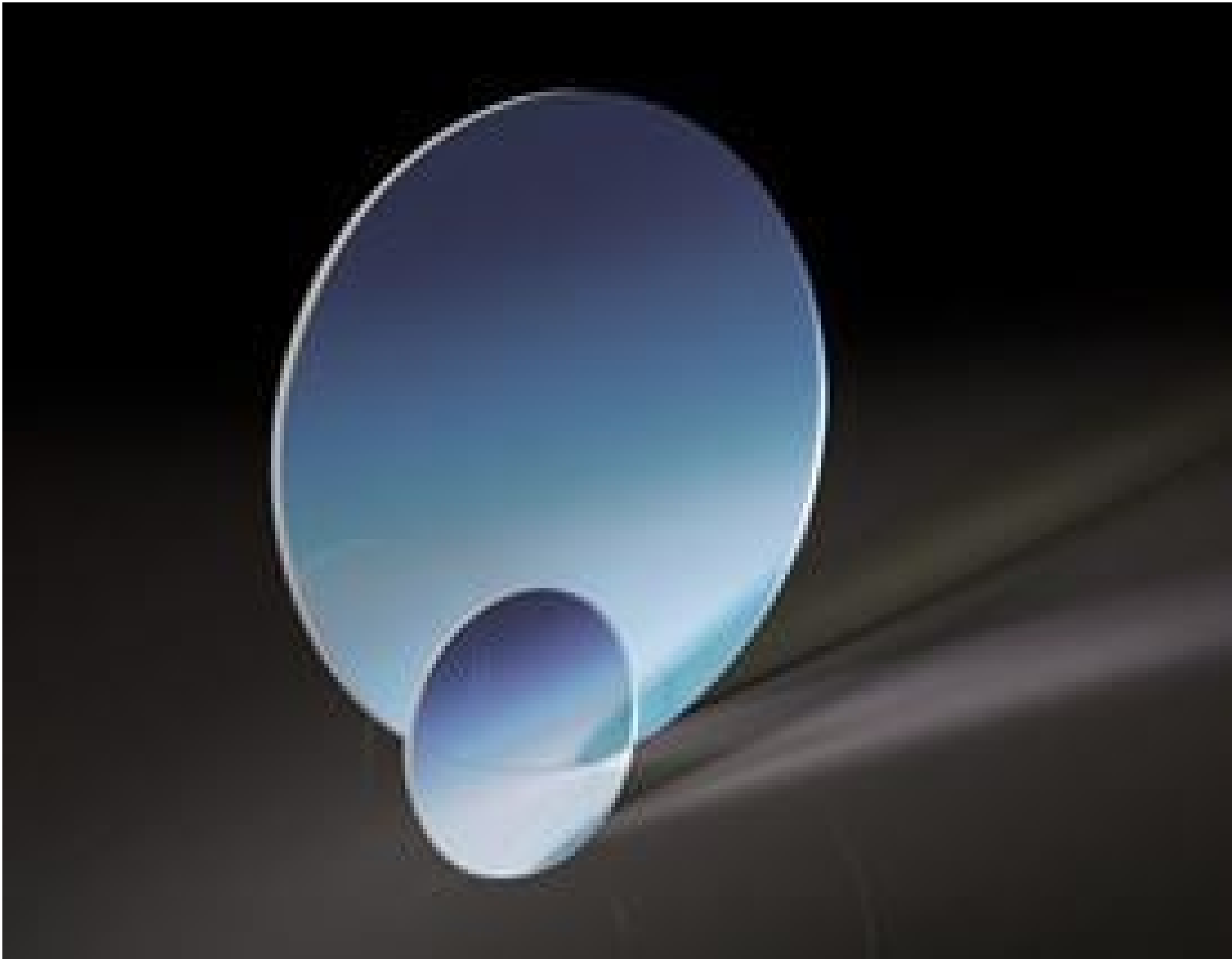


55mm Dia. 355nm Laser Debris Shield



Laser Debris Shields

Stock **#37-670** ☐ In Stock

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1

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€107,50

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Qty 1-5
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Bevel:
Break Edges

Clear Aperture CA (mm):
46.75

Coating:
Laser V-Coat (355nm)

Coating Specification: R_{abs} <0.25% @ 355nm
Diameter (mm): 55.00 ±0.1
Thickness (mm): 1.50 +0.15/-0.00
Design Wavelength DWL (nm): 355
Parallelism (arcmin): <45
Substrate: Fused Quartz
Surface Quality: 40-20
Transmitted Wavefront, P-V: λ/2 (70% of Dia.)
Type: Protective Window
Young's Modulus (GPa): 73
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52
Density (g/cm³): 2.2
Index of Refraction n_d: 1.458
Poisson's Ratio: 0.16
Abbe Number (v_d): 67.8
Edges: Fine Ground
Damage Threshold, By Design: 7.5 J/cm² @ 355nm, 20ns, 20Hz

Regulatory Compliance

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