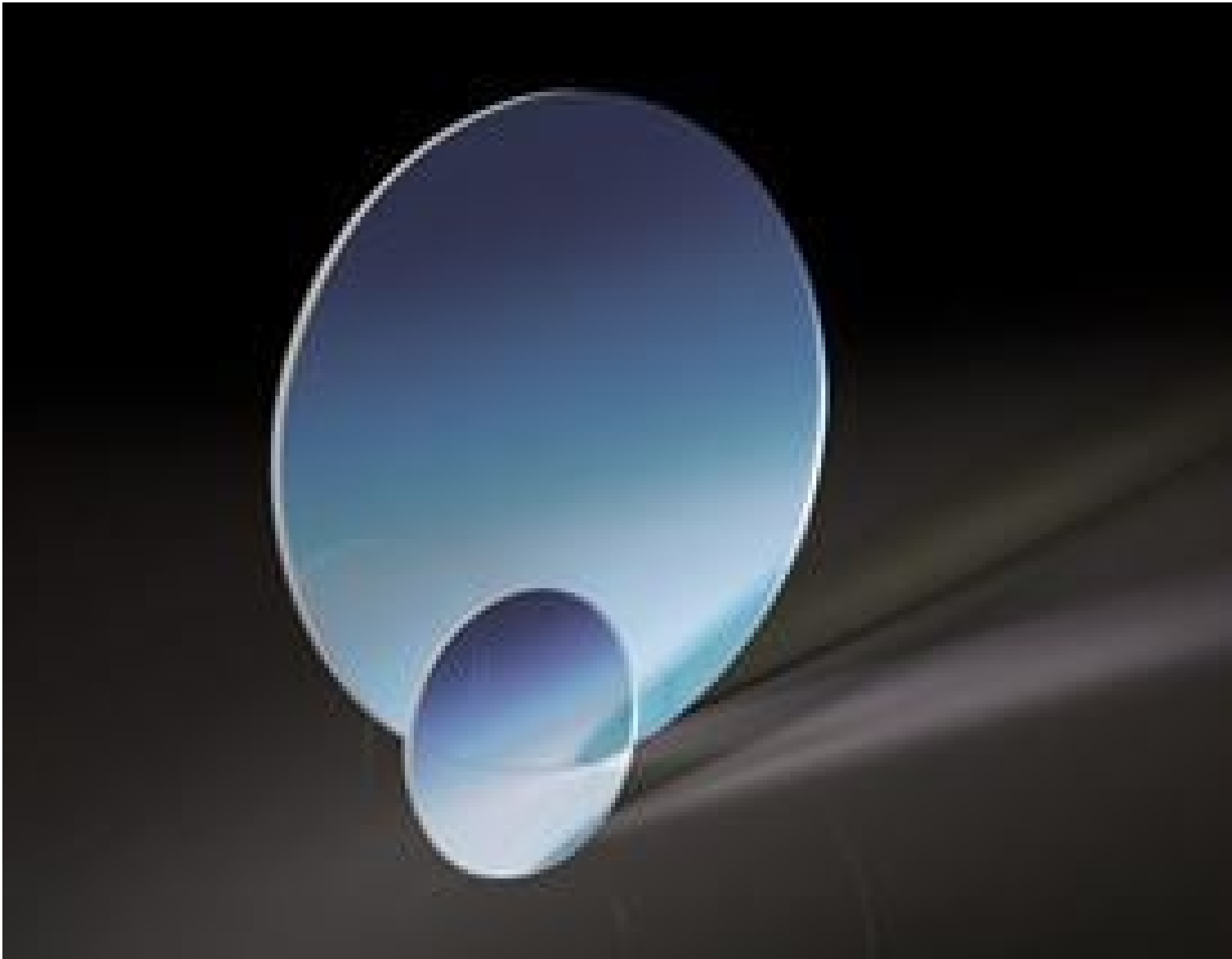


134mm Dia. 1064nm Laser Debris Shield



Laser Debris Shields

Stock **#36-301** 3-4 DAYS



1



£182.75

ADD TO CART

Qty 1-5

£182.75

Qty 6+

£155.34

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Bevel:
Break Edges

Clear Aperture CA (mm):
113.90

Coating:
Laser V-Coat (1064nm)

Coating Specification: R_{abs} <0.25% @ 1064nm R_{avg} <0.5% 1030 - 1090nm
Diameter (mm): 134.00 ±0.1
Thickness (mm): 3.00 ±0.1
Design Wavelength DWL (nm): 1064
Parallelism (arcmin): <30
Substrate: Fused Silica (Corning 7980)
Surface Quality: 20-10
Transmitted Wavefront, P-V: 2λ (70% of Dia.)
Type: Protective Window
Young's Modulus (GPa): 73
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)
Density (g/cm³): 2.20
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: ☐ 20 J/cm² @ 9.8ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View