

TECHSPEC®

25mm Dia. x 100mm FL, VIS-NIR Coated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#63-841** 3-4 DAYS

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1



£127.08

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Qty 1-5

£127.08

Qty 6+

£101.58

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm): 98.70
Effective Focal Length EFL (mm): 100.00
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.78 ±0.10
Edge Thickness ET (mm): 2.06
Radius R₁=R₂ (mm): 91.09
Clear Aperture CA (mm): 24.00
f#: 4.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.13
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 1000
Damage Threshold, Reference: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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