

TECHSPEC® 25mm Dia. x 50mm FL, VIS-EXT Coated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#22-213** 3-4 DAYS

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− 1 +

€154,50

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€123,50

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm): 48.02
Effective Focal Length EFL (mm): 50.00
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
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): 5.66 ±0.10
Edge Thickness ET (mm): 2.11
Radius R₁=R₂ (mm): 44.94
Clear Aperture CA (mm): 24.00
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 700
Damage Threshold, Reference: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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