

TECHSPEC® 25mm Dia. x 125mm FL, NIR I Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-085** 3-4 DAYS

⊖ 1 ⊕

€145,00

ADD TO CART

Qty 1-5

€145,00

Qty 6+

€116,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
25.00 -0.025

Effective Focal Length EFL (mm):

125.00 @587.6nm
Back Focal Length BFL (mm): 122.65
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Substrate: Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 3.42 ±0.10
Edge Thickness ET (mm): 2.04
Radius R₁ (mm): 57.30
Clear Aperture CA (mm): 24
f/#: 5
Numerical Aperture NA: 0.10
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 600 - 1050
Damage Threshold, Reference: 7 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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