

TECHSPEC[®] 50mm Dia. x 75mm FL, VIS-EXT Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #18-182 10 TO 12 DAYS



1



₹26,535.00

ADD TO CART

Qty 1-5

₹26,535.00

Qty 6+

₹21,228.00

Volume Pricing

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Diameter (mm):
50.00 -0.025

Effective Focal Length EFL (mm):
75.00 @ 587.6nm

Back Focal Length BFL (mm): 66.43
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: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 12.50 ±0.10
Edge Thickness ET (mm): 1.72
Radius R₁ (mm): 34.39
Clear Aperture CA (mm): 49
f/#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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