

TECHSPEC[®] 5mm Dia x 20mm FL VIS-NIR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#89-429** 3-4 DAYS

- 1 +

£108.38

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Qty 1-5

£108.38

Qty 6+

£86.70

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

20.00 @ 587.6nm
Back Focal Length BFL (mm): 18.97
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
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 1.50 ±0.05
Edge Thickness ET (mm): 1.15
Radius R₁ (mm): 9.17
Clear Aperture CA (mm): 4.5
f/#: 4
Numerical Aperture NA: 0.125
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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