

TECHSPEC[®] 5mm Dia x 10mm FL UV-AR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#89-415** 3-4 DAYS

-

1

+

£114.75

ADD TO CART

Qty 1-5

£114.75

Qty 6+

£91.80

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

10.00 @ 587.6nm
Back Focal Length BFL (mm): 8.63
Coating: UV-AR (250-425nm)
Coating Specification: R _{abs} ≤1.0% @ 250 - 425nm R _{avg} ≤0.75% @ 250 - 425nm R _{avg} ≤0.5% @ 370 - 420nm
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): <3
Center Thickness CT (mm): 2.00 ±0.05
Edge Thickness ET (mm): 1.26
Radius R ₁ (mm): 4.59
Clear Aperture CA (mm): 4.5
f/#: 2
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 250 - 425
Damage Threshold, Reference: ☐ 3 J/cm² @ 355nm, 10ns

Regulatory Compliance

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