

TECHSPEC®

25.4mm Diameter x 300mm FL, 350-700nm, Ultrafast Thin PCX Lens



Stock **#22-643** 3-4 DAYS

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1



£112.20

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Qty 1-5

£112.20

Qty 6+

£98.60

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Diameter (mm):
25.40 +0.00/-0.10

Effective Focal Length EFL (mm):
300.35 @587.6nm

Back Focal Length BFL (mm):

299.25
Coating: VS-EXT (350-700nm)
Coating Specification: R _{avg} ≤0.5% @ 350 - 700nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/8
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 1.60 ±0.10
Edge Thickness ET (mm): 1.01
Radius R₁ (mm): 137.70
Clear Aperture CA (mm): 22.86
f/#: 11.82
Numerical Aperture NA: 0.043
Design Wavelength DWL (nm): 597.6
Type: Plano-Convex Lens
Bevel: Protective Bevel as Needed
Wavelength Range (nm): 350 - 700
Angle of Incidence (°): 0
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant