

TECHSPEC® 12.7mm Diameter x 100mm FL, 700-900nm Coated, Ultrafast Thin PCX Lens



Stock **#11-654** 3-4 DAYS

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- 1 + **£80.75**

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Qty 1-5
£80.75

Qty 6+
£71.40

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.70 +0.00/-0.10

Effective Focal Length EFL (mm):
100.12 @587.6nm

Back Focal Length BFL (mm):

99.09
Coating: BBAR (700-900nm)
Coating Specification: R _{abs} <0.2% @ 700 - 900nm
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): 1.50 ±0.10
Edge Thickness ET (mm): 1.06
Radius R₁ (mm): 45.90
Clear Aperture CA (mm): 11.43
f/#: 7.88
Numerical Aperture NA: 0.064
Design Wavelength DWL (nm): 800
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 700 - 900
Angle of Incidence (°): 0
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View