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SUBMIT

TECHSPEC® 12mm Dia. X 100mm FL VIS 0th Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #48-960 3-4 DAYS

- 1 +

€130,00

ADD TO CART

Qty 1-5

€130,00

Qty 6+

€104,00

Volume Pricing

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

100.00 @587.6nm
Back Focal Length BFL (mm): 98.33
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: Fused Silica (Coming 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): 2.44 ±0.05
Edge Thickness ET (mm): 2.05
Radius R₁ (mm): 45.85
Clear Aperture CA (mm): 11
f/#: 8.33
Numerical Aperture NA: 0.06
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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