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SUBMIT

TECHSPEC® 12mm Dia. X 40mm FL, MgF₂ Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #18-049 CLEARANCE 3-4 DAYS



1



€127,50

ADD TO CART

Qty 1-5

€127,50

Qty 6+

€102,00

Volume Pricing

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Diameter (mm):
12.00 -0.025

Effective Focal Length EFL (mm):

40.00 @ 587.6nm
Back Focal Length BFL (mm): 37.85
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤ 1.75% @ 400 - 700nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 3.13 ± 0.05
Edge Thickness ET (mm): 2.12
Radius R₁ (mm): 18.34
Clear Aperture CA (mm): 11
f/#: 3.33
Numerical Aperture NA: 0.15
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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