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SUBMIT

TECHSPEC® 10mm Dia x 50mm FL MgF₂ Coated, Illumination Grade PCX Cylinder Lens



Stock #47-770 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):
10.00

Effective Focal Length EFL (mm):
50.00

Substrate: ☐
N-BK7

f/#: 5
Numerical Aperture NA: 0.1
Coating: MgF ₂ (400-700nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): 48.68
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
Dimensional Tolerance (mm): +0.0/-0.2
Edge Thickness ET (mm): 1.51
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 25.84
Surface Quality: 60-40
Tilt Tolerance (mm): ±0.1 over H
Typical Applications: 10 J/cm ² @ 532nm, 10ns
Wedge Tolerance (arcmin): 15.00

Regulatory Compliance

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