

TECHSPEC[®] 5mm H x 10mm L x 50mm FL MgF₂ Coated, Illumination Grade PCX Cylinder Lens



Stock **#47-766** 10 TO 12 DAYS

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1

+

₹10,266.00

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Qty 1-5
₹10,266.00
Qty 6+
₹8,222.00
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Effective Focal Length EFL (mm):
50.00

Substrate: N-BK7

f/#:
10

Numerical Aperture NA:

0.05
Coating: MgF ₂ (400-700nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): 49.34
Center Thickness CT (mm): 1.00
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{avg} ≤1.75% @400 - 700nm
Dimensional Tolerance (mm): +0.0/-0.2
Dimensions (mm): 5.0 x 10.0
Edge Thickness ET (mm): 0.88
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 25.80
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