

TECHSPEC®

10mm H x 20mm L x 100mm FL MgF₂ Coated, Illumination Grade PCX Cylinder Lens



Stock #47-775 CLEARANCE 10 TO 12 DAYS

-

1

+

 ₹6,607.65

ADD TO CART

Qty 1+
₹6,607.65

Volume Pricing
Request Quote

Get Product Downloads



Effective Focal Length EFL (mm):
100.00

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): 97.92
Center Thickness CT (mm): 3.00
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Dimensional Tolerance (mm): +0.0/-0.2
Dimensions (mm): 10.0 x 20.0
Edge Thickness ET (mm): 2.76
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 51.63
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
Reach 224: Compliant
Certificate of Conformance: View