

TECHSPEC 25mm Dia x 50mm FL MgF₂ Coated, Illumination Grade PCX Cylinder Lens



Stock #48-358 3-5 DAYS

⊖ 1 ⊕ **S\$114.55**

ADD TO CART

Qty 1-5

S\$114.55

Qty 6+

S\$91.35

Volume Pricing

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Diameter (mm):
25.00

Effective Focal Length EFL (mm):
50.00

Substrate:
[N-BK7](#)

f/#:
2

Numerical Aperture NA:
0.25

Coating:
MgF₂ (400-700nm)

Type:
Cylinder Lens, Plano-Convex

Wavelength Range (nm):
400 - 700

Back Focal Length BFL (mm):
47.20

Center Thickness CT (mm):
4.24

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):
1.03

Focal Length Tolerance (%):
±3

Radius R₁ (mm):
25.93

Surface Quality:
60-40

Damage Threshold, By Design:
10 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 209:
[Compliant](#)

Certificate of Conformance:
[View](#)