

TECHSPEC[®] 25.0mm Dia x 25.0mm FL 405nm V-Coat, Cylinder Lens



Laser Line PCX Cylinder Lens

Stock #33-219

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Diameter (mm):
25.00

Effective Focal Length EFL (mm):
25.00

Substrate: ☐
[N-BK7](#)

f#:
1.00

Numerical Aperture NA:
0.50

Coating: Laser V-Coat (405nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 375 - 435
Back Focal Length BFL (mm): 17.74
Center Thickness CT (mm): 11.03
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{abs} <0.25% @ 405nm R _{avg} <1.5% @ 375 - 435nm
Design Wavelength DWL (nm): 405
Dimensional Tolerance (mm): +0.0/-0.2
Edge Thickness ET (mm): 1.49
Focal Length Tolerance (%): ±3
Note: Coating: 405nm V-Coat
Radius R₁ (mm): 12.96
Surface Quality: 60-40
Wavelength Range (µm): 0.375 - 0.435

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View