

TECHSPEC[®] 5mm Dia. x 25mm FL, MgF₂ Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #18-269 CLEARANCE 3-5 DAYS

- 1 +

S\$166.75

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Qty 1-5

S\$166.75

Qty 6+

S\$133.40

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Diameter (mm):
5.00 -0.025

Effective Focal Length EFL (mm):
25.00 @ 587.6nm

Back Focal Length BFL (mm): 23.97
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 1.50 ±0.05
Edge Thickness ET (mm): 1.22
Radius R₁ (mm): 11.46
Clear Aperture CA (mm): 4
f/#: 5
Numerical Aperture NA: 0.10
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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