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SUBMIT

TECHSPEC® 20mm Dia. X 80mm FL, MgF₂ Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock #18-174 CLEARANCE 3-4 DAYS

- 1 +

€140,00

ADD TO CART

Qty 1-5

€140,00

Qty 6+

€112,00

Volume Pricing

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Diameter (mm):
20.00 -0.025

Effective Focal Length EFL (mm):

80.00 @ 587.6nm
Back Focal Length BFL (mm): 77.95
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): 3.00 ± 0.10
Edge Thickness ET (mm): 1.61
Radius R₁ (mm): 36.68
Clear Aperture CA (mm): 19
f/#: 4
Numerical Aperture NA: 0.13
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