

TECHSPEC® 5mm Dia. x 20mm FL 1550nm V-Coat, UV PCX Lens



Stock **#34-154** ☐ In Stock
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1 **C\$176.40**

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Diameter (mm):
5.00 +0.0/-0.025

Effective Focal Length EFL (mm):
20.00 @ 587.6nm

Back Focal Length BFL (mm): 18.97
Coating: Laser V-Coat (1550nm)
Coating Specification: R _{abs} <0.25% @ 1550nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): ≤1
Center Thickness CT (mm): 1.50 ±0.05
Edge Thickness ET (mm): 1.50
Radius R₁ (mm): 9.17
Clear Aperture CA (mm): 4.50
f/#: 4.00
Numerical Aperture NA: 0.13
Design Wavelength DWL (nm): 587.6
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Edges: Fine Ground, Protective Bevel as Needed
Damage Threshold, By Design: ☐ 5 J/cm² @ 1550nm, 10ns

Regulatory Compliance

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