

TECHSPEC®

5mm Dia. x 20mm FL 1064nm V-Coat, Fused Silica PCX Lens



Stock #34-131

10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹10,962.00

ADD TO CART

Qty 1-5
₹10,962.00
Qty 6+
₹8,765.00
Volume Pricing
Request Quote

Get Product Downloads



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 (1064nm)
Coating Specification: R _{abs} <0.25% @ 1064nm
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): 1.5
Radius R₁ (mm): 9.17
Clear Aperture CA (mm): 4.5
f/#: 4.00
Numerical Aperture NA: 0.13
Design Wavelength DWL (nm): 1064
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Edges: Fine Ground, Protective Bevel as Needed
Damage Threshold, By Design: ☐ 5 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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