

TECHSPEC® 12mm Dia. x 18mm FL 1064nm V-Coat, Fused Silica PCX Lens



Stock **#34-133** 3-4 DAYS

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1



€141,00

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Qty 1-5

€141,00

Qty 6+

€112,75

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

18.00 @ 587.6nm
Back Focal Length BFL (mm): 15.26
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): 4.00 ±0.05
Edge Thickness ET (mm): 1.41
Radius R₁ (mm): 8.25
Clear Aperture CA (mm): 11
f/#: 1.5
Numerical Aperture NA: 0.33
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/cm ² @ 1064nm, 10ns

Regulatory Compliance

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