

TECHSPEC[®] 20mm Dia. x 40mm FL, NIR II Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-161** 10 TO 12 DAYS



1



₹13,485.00

ADD TO CART

Qty 1-5

₹13,485.00

Qty 6+

₹10,788.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
20.00 -0.025

Effective Focal Length EFL (mm):
40.00 @ 587.6nm

Back Focal Length BFL (mm): 36.92
Coating: NIR II (750-1550nm)
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
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): 4.50 ±0.10
Edge Thickness ET (mm): 1.53
Radius R₁ (mm): 18.34
Clear Aperture CA (mm): 19
f/#: 2
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 750 - 1550
Damage Threshold, By Design: ☐ 8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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