

TECHSPEC® 20mm Dia. x 80mm FL VIS-NIR Coated, UV Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#63-805** 3-5 DAYS

- 1 +

A\$244.00

ADD TO CART

Qty 1-5

A\$244.00

Qty 6+

A\$195.20

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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
80.00 @ 587.6nm

Back Focal Length BFL (mm): 77.95
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
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): 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 - 1000
Damage Threshold, Reference:  5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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