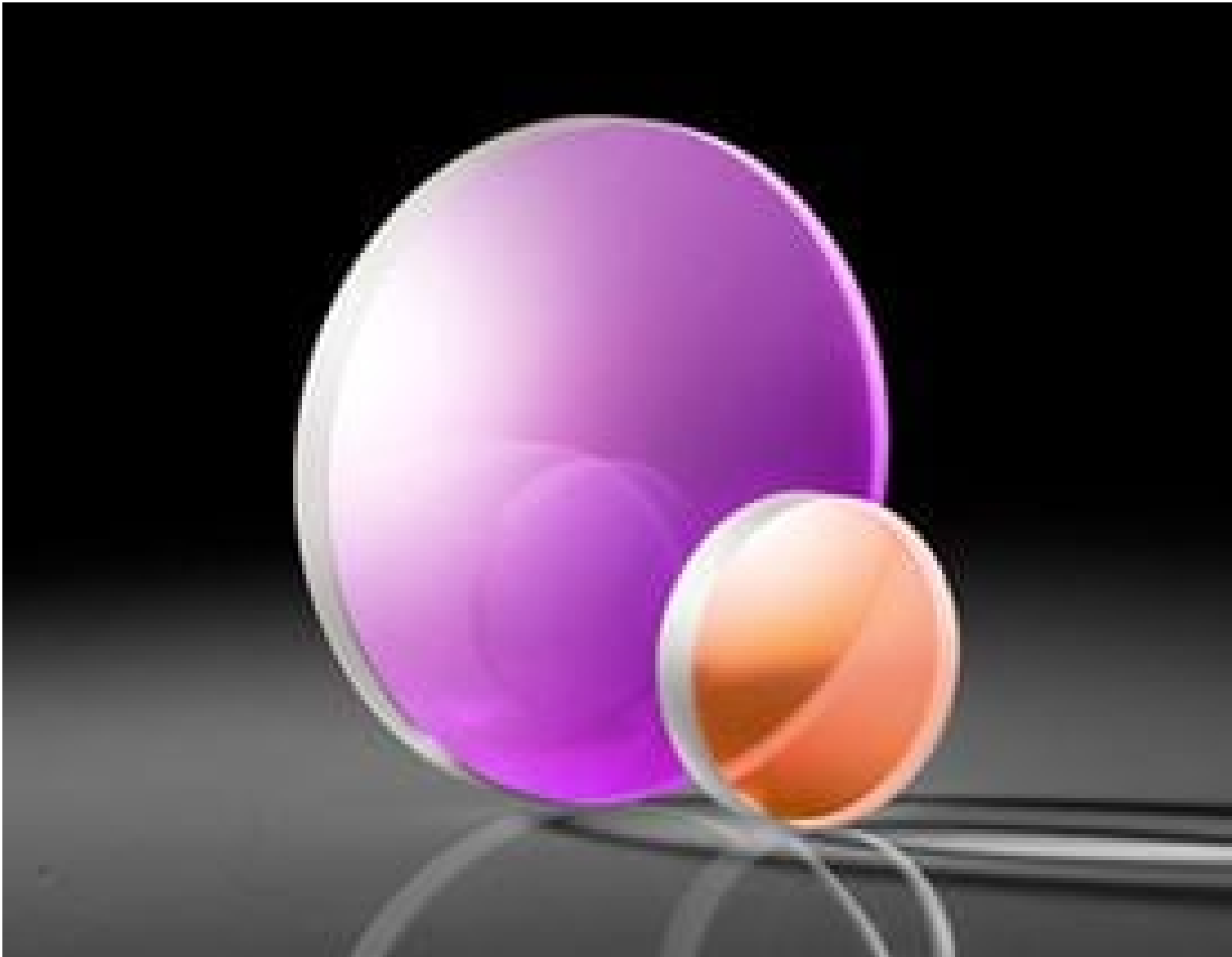


25.4mm Dia. x 500mm FL, 261.4nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCXLenses

Stock **#19-741** CLEARANCE ☐ In Stock

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Diameter (mm):
25.40 +0.00/-0.025

Effective Focal Length EFL (mm):
500.00 @ 355nm

Back Focal Length BFL (mm):
497.44

Coating:
Laser V-Coat (261.4nm)

Coating Specification:

R _{abs} <0.25% @ 261.4nm
Substrate: Fused Silica (Corning 7980)
Surface Quality: 10-5
Power (P-V) @ 632.8nm: λ
Irregularity (P-V) @ 632.8nm: λ/10
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 4.00 ±0.10
Edge Thickness ET (mm): 3.63
Radius R₁ (mm): 238.04
Clear Aperture CA (mm): 21.59
f#: 19.69
Numerical Aperture NA: 0.03
Design Wavelength DWL (nm): 261.4
Type: Plano-Convex Lens
Bevel: Protective Bevel As Needed
Damage Threshold, By Design: 3 J/cm² @ 266nm, 20ns, 20Hz

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View