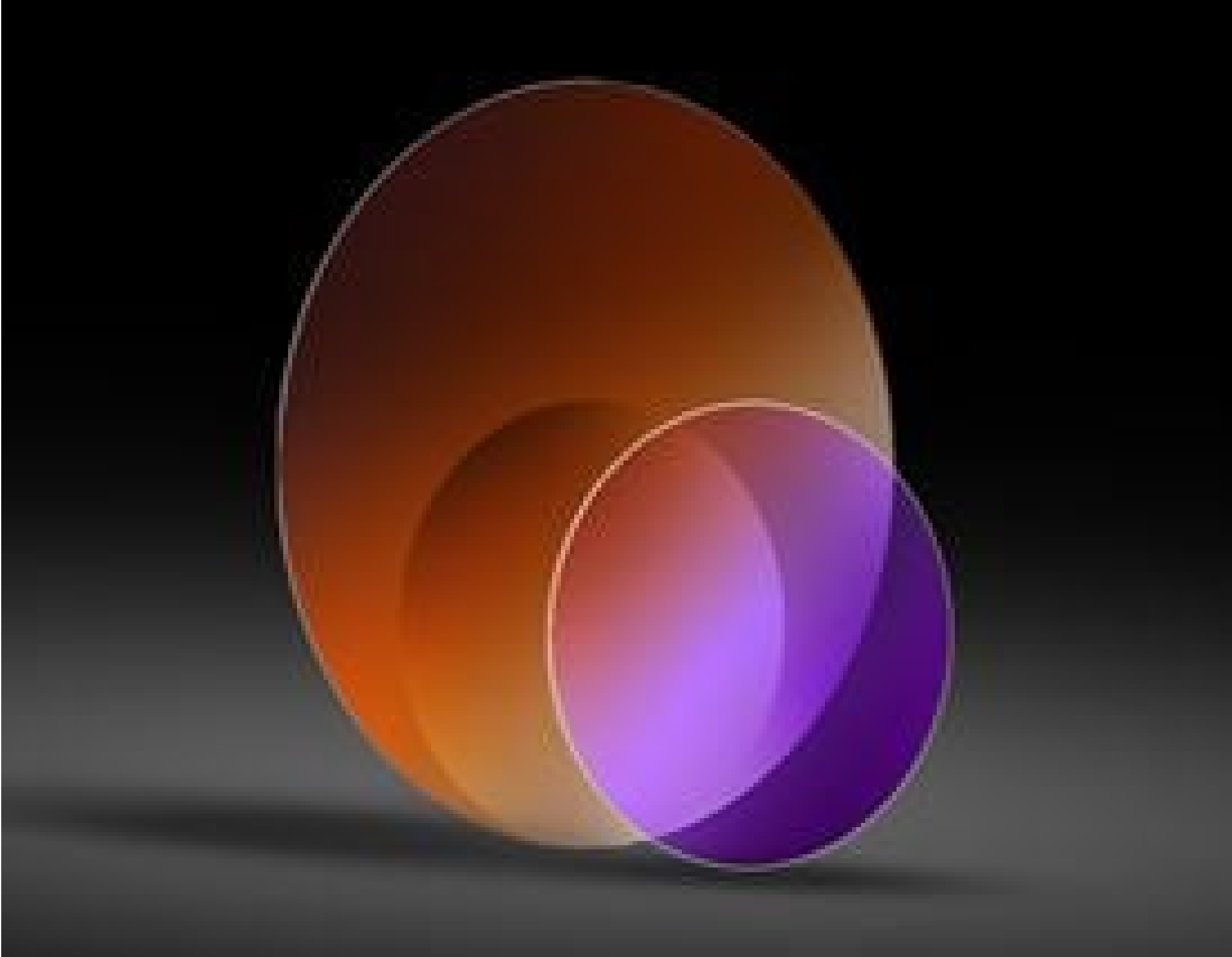


TECHSPEC®

25.4mm Diameter x 450mm FL, 350-700nm, Ultrafast Thin PCX Lens



Stock **#22-646** 3-4 DAYS

[Other Coating Options](#)



1



£112.20

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Qty 1-5

£112.20

Qty 6+

£98.60

Volume Pricing

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Diameter (mm):
25.40 +0.00/-0.10

Effective Focal Length EFL (mm):
450.52 @587.6nm

Back Focal Length BFL (mm):

449.43
Coating: VS-EXT (350-700nm)
Coating Specification: R _{avg} ≤0.5% @ 350 - 700nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/8
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 1.60 ±0.10
Edge Thickness ET (mm): 1.21
Radius R₁ (mm): 206.55
Clear Aperture CA (mm): 22.86
f/#: 17.72
Numerical Aperture NA: 0.029
Design Wavelength DWL (nm): 600.6
Type: Plano-Convex Lens
Bevel: Protective Bevel as Needed
Wavelength Range (nm): 350 - 700
Angle of Incidence (°): 0
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant