TECHSPEC® 25mm Dia. x 150mm FL, VIS-NIR Coated, UV Double-Convex Lens

UV Fused Silica Double-Convex (DCX) Lenses

Stock **#63-843** 3-5 DAYS

Other Coating Options

- 1 + **A$231.20**

ADD TO CART

Qty 1-5
A$231.20

Qty 6+
A$184.80

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):

148.37

Effective Focal Length EFL (mm):
150.00

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

Centering (arcmin):
<1

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
3.68 ±0.10

Edge Thickness ET (mm):
2.54

Radius R_1=-R_2 (mm):
136.96

Clear Aperture CA (mm):
24.00

f/#:
6.00

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Numerical Aperture NA:
0.08

Type:
Double-Convex Lens

Wavelength Range (nm):
400 - 1000

Damage Threshold, Reference:
5 J/cm^2 @ 532nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant