TECHSPEC® 9mm Dia. x 13.5mm FL, UV-AR Coated, UV Double-Convex Lens

UV Fused Silica Double-Convex (DCX) Lenses

Stock **#49-250** 10 TO 12 DAYS

Other Coating Options

- 1 + **₹12,006.00**

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Qty 1-5
₹12,006.00

Qty 6+
₹9,614.00

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CUSTOM OPTIONS

Diameter (mm):
9.00 +0.0/-0.025

Back Focal Length BFL (mm):

12.32

Effective Focal Length EFL (mm):
13.50

Coating:
UV-AR (250-425nm)

Coating Specification:
R_{abs} ≤1.0% @ 250 - 425nm
R_{avg} ≤0.75% @ 250 - 425nm
R_{avg} ≤0.5% @ 370 - 420nm

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):
3.30 ±0.05

Edge Thickness ET (mm):
1.52

Radius R_1=-R_2 (mm):
11.84

Clear Aperture CA (mm):
8.1

f/#:
1.5

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Numerical Aperture NA:
0.33

Type:
Double-Convex Lens

Wavelength Range (nm):
250 - 425

Damage Threshold, Reference:
3 J/cm^2 @ 355nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant