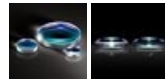


TECHSPEC® 25mm Dia. x 500mm FL, VIS-NIR Coated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock #63-847 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€144,50**

ADD TO CART

Qty 1-5

€144,50

Qty 6+

€115,50

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm):
498.85

Effective Focal Length EFL (mm):
500.00

Coating:
VIS-NIR (400-1000nm)

Coating Specification:
 $R_{abs} \leq 0.25\%$ @ 880nm
 $R_{avg} \leq 1.25\%$ @ 400 - 870nm
 $R_{avg} \leq 1.25\%$ @ 890 - 1000nm

Substrate:
[Fused Silica](#) (Corning 7980)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
 1.5λ

Irregularity (P-V) @ 632.8nm:
 $\lambda/4$

Centering (arcmin):
<1

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
 3.35 ± 0.10

Edge Thickness ET (mm):
3.01

Radius $R_1=R_2$ (mm):
457.93

Clear Aperture CA (mm):
24.00

f#:
20.00

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
 ± 1

Numerical Aperture NA:
0.03

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](#)