

In order to provide more accurate inventory information, please select your shipping country.

Select Your Country/Region: European Union



SUBMIT



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#48-842** 3-4 DAYS

[Other Coating Options](#)



1



€154,50

ADD TO CART

Qty 1-5

€154,50

Qty 6+

€123,50

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.00 +0.0/-0.025

Back Focal Length BFL (mm): 20.93
Effective Focal Length EFL (mm): 25.00
Coating: UV-VIS (250-700nm)
Coating Specification: R _{abs} ≤1.0% @ 350 - 450nm R _{avg} ≤1.5% @ 250 - 700nm
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): 10.90 ±0.10
Edge Thickness ET (mm): 2.68
Radius R₁=R₂ (mm): 21.06
Clear Aperture CA (mm): 24.00
f/#: 1.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.50
Type: Double-Convex Lens
Wavelength Range (nm): 250 - 700
Damage Threshold, Reference:  3 J/cm ² @ 355nm, 10ns 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View