

TECHSPEC®

18mm Dia. x 40mm FL, Uncoated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock **#08-084** ☒ In Stock

☐ [Other Coating Options](#)



1



£106.25

ADD TO CART

Qty 1-5

£106.25

Qty 6+

£85.00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
18.00 +0.0/-0.025

Back Focal Length BFL (mm): 38.50
Effective Focal Length EFL (mm): 40.00
Coating: Uncoated
Coating Specification: Uncoated
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): 4.29 ±0.10
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 35.99
Clear Aperture CA (mm): 17.00
f#: 2.22
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.23
Type: Double-Convex Lens
Wavelength Range (nm): 200 - 2200

Regulatory Compliance

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