

TECHSPEC® 3.0mm Dia. x 4.5mm FL, Uncoated, Plano-Convex Lens



Stock **#45-141** ☐ In Stock
[Other Coating Options](#)

1 **£44.20**

ADD TO CART

Qty 1-9
£44.20
Qty 10+
£39.74
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
3.00 +0.0/-0.025

Effective Focal Length EFL (mm):

4.50 @ 587.6nm
Back Focal Length BFL (mm): 3.50
Coating: Uncoated
Substrate: 
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): 30-45, typical
Center Thickness CT (mm): 1.80 ±0.05
Edge Thickness ET (mm): 1.47
Radius R₁ (mm): 3.62
Clear Aperture CA (mm): 2.5
f/#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 2300

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View