

TECHSPEC® 12.0mm Diameter x -12 FL, MgF₂ Coated, Plano-Concave Lens



Stock #45-015 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€35,50**

ADD TO CART

Qty 1-9

€35,50

Qty 10+

€32,00

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-12.00

Substrate:
[N-SF11](#)

f#:
1.00

Numerical Aperture NA:
0.50

Coating:
MgF₂ (400-700nm)

Type:
Plano-Concave Lens

Wavelength Range (nm):
400 - 700

Back Focal Length BFL (mm):
-13.23

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
2.20

Center Thickness Tolerance (mm):
±0.05

Centering (arcmin):
<1

Clear Aperture CA (mm):
11.00

Coating Specification:
R_{avg} ≤ 1.75% @ 400 - 700nm

Edge Thickness ET (mm):
4.12

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Radius R₁ (mm):
-9.42

Surface Quality:
40-20

Damage Threshold, By Design:
10 J/cm² @ 532nm, 10ns

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 219:
[Compliant](#)

Certificate of Conformance:
[View](#)