

TECHSPEC® 20mm Dia. x -20mm FL, MgF₂ Coated, Double-Concave Lens



Stock #32-991 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **€36,50**

ADD TO CART

Qty 1-9

€36,50

Qty 10+

€32,75

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
-20.00

Substrate:
[N-SF11](#)

f#:
1.00

Numerical Aperture NA:
0.50

Coating:
MgF₂ (400-700nm)

Type:
Double-Concave Lens

Wavelength Range (nm):
400 - 700

Back Focal Length BFL (mm):
-20.55

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
2.00

Center Thickness Tolerance (mm):
±0.10

Centering (arcmin):
<1

Clear Aperture CA (mm):
19.0

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

Edge Thickness ET (mm):
5.03

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Radius R₁=R₂ (mm):
-31.82

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](#)