

TECHSPEC® 50mm Dia. x 100mm FL, 8 - 12µm Coated, Ge Plano-Convex Lens



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⊖ 1 ⊕

₹82,650

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Qty 1-5

₹82,650

Qty 6+

₹66,120

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Diameter (mm):
50.00 +0.0/-0.1

Effective Focal Length EFL (mm):
100.00 @ 10.6µm

Back Focal Length BFL (mm):
99.00

Coating:
BBAR (8000-12000nm)

Coating Specification:
R_{avg} <3.0% @ 8 - 12μm

Substrate: □
Germanium (Ge)

Surface Quality:
60-40

Centering (arcmin):
<3

Center Thickness CT (mm):
4.00 ±0.10

Edge Thickness ET (mm):
2.96

Radius R₁ (mm):
300.39

Clear Aperture CA (mm):
49

f#:
2.00

Numerical Aperture NA:
0.25

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
8000 - 12000

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)
