

TECHSPEC® 18mm Dia. x 27mm FL YAG-BBAR Coated, Inked, Double-Convex Lens



YAG-BBAR Coated Double-Convex (DCX) Lenses



Stock #89-255-INK [CONTACT US](#)

1 **£48.45**

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Qty 1-9

£48.45

Qty 10+

£43.56

Volume Pricing

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Diameter (mm):
18.00 ±0.025

Back Focal Length BFL (mm):
25.25

Effective Focal Length EFL (mm):
27.00

Coating:
YAG-BBAR (500-1100nm)

Coating Specification:
R_{abs} <0.25% @ 532nm
R_{abs} <0.25% @ 1064nm
R_{avg} <1.0% @ 500 - 1100nm

Substrate:
[N-BK7](#)

Surface Quality:
40-20

Centering (arcmin):
<1

Bevel:
Protective bevel as needed

Center Thickness CT (mm):
5.50

Center Thickness Tolerance (mm):
±0.10

Edge Thickness ET (mm):
2.42

Radius R₁=R₂ (mm):
27.08

Clear Aperture CA (mm):
17.00

f#:
1.5

Focal Length Specification Wavelength (nm):
587.6

Focal Length Tolerance (%):
±1

Numerical Aperture NA:
0.33

Type:
Double-Convex Lens

Wavelength Range (nm):
350 - 2200

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)