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40mm Dia. x 200mm FL, NIR II Coated, DCX N-K5 Lens



Stock #67-671 CLEARANCE **5 In Stock**

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⊖ 1 ⊕ €22^{.75}

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Qty 1+	€22,75 each
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General

Double-Convex Lens **Type:**

Physical & Mechanical Properties

40.00 +0.00/-0.10 **Diameter (mm):**

<1 **Centering (arcmin):**

Center Thickness CT (mm):

8.00 ±0.10

Edge Thickness ET (mm):

6.07

Clear Aperture CA (mm):

39

Bevel:

Protective as needed

Optical Properties

Effective Focal Length EFL (mm):

200.00 @ 587.6nm

Back Focal Length BFL (mm):

197.36

Coating:

NIR II (750-1550nm)

Coating Specification:

R_{abs} ≤1.5% @ 750 - 800nm
R_{abs} ≤1.0% @ 800 - 1550nm
R_{avg} ≤0.7% @ 750 - 1550nm

Substrate:

N-K5

Surface Quality:

40-20

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Focal Length Tolerance (%):

±1.00

f#:

5.00

Numerical Aperture NA:

0.10

Wavelength Range (nm):

750 - 1550

Damage Threshold, By Design:

8 J/cm² @ 1064nm, 10ns

Regulatory Compliance

Reach 224:

Compliant

Certificate of Conformance:

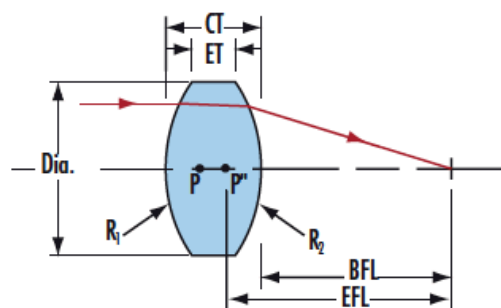
View

Product Details

- N-K5 Substrate
- Various Anti-Reflection (AR) Coatings
- PCX and DCX Options Available

N-K5 Lenses are available in various diameters, focal lengths, as well as Plano-Convex and Double-Convex form factors. Anti-reflective coatings covering the VIS to NIR make these ideal for multiple applications.

Technical Information



Compatible Mounts