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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 ⊕ £18<sup>20</sup>

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Qty 1+	£18.20 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### 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<sub>abs</sub> ≤1.5% @ 750 - 800nm  
R<sub>abs</sub> ≤1.0% @ 800 - 1550nm  
R<sub>avg</sub> ≤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/cm<sup>2</sup> @ 1064nm, 10ns

### Regulatory Compliance

Reach 224:

Compliant

Certificate of Conformance:

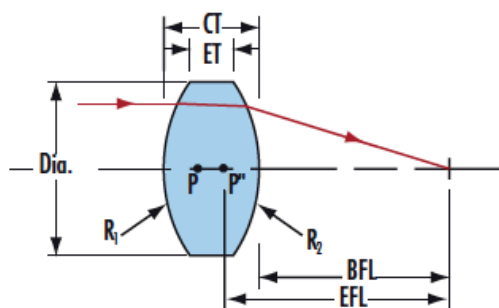
View

## 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