

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



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

☐ [Other Coating Options](#)

-

1

+

C\$31<sup>.85</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | C\$31.85 each                 |
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| Product Downloads |
|-------------------|
|-------------------|

### SPECIFICATIONS

#### General

Type:

Double-Convex Lens

#### Physical & Mechanical Properties

Diameter (mm):

40.00 +0.00/-0.10

|                      |                           |
|----------------------|---------------------------|
| <1                   | Centering (arcmin):       |
| 8.00 ±0.10           | Center Thickness CT (mm): |
| 6.07                 | Edge Thickness ET (mm):   |
| 39                   | Clear Aperture CA (mm):   |
| Protective as needed | Bevel:                    |

Optical Properties

|                                                                                                                        |                                                       |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 200.00 @ 587.6nm                                                                                                       | Effective Focal Length EFL (mm):                      |
| 197.36                                                                                                                 | Back Focal Length BFL (mm):                           |
| NIR II (750-1550nm)                                                                                                    | Coating:                                              |
| R <sub>abs</sub> ≤1.5% @ 750 - 800nm<br>R <sub>abs</sub> ≤1.0% @ 800 - 1550nm<br>R <sub>avg</sub> ≤0.7% @ 750 - 1550nm | Coating Specification:                                |
| N-K5                                                                                                                   | Substrate: <input type="checkbox"/>                   |
| 40-20                                                                                                                  | Surface Quality:                                      |
| 1.5λ                                                                                                                   | Power (P-V) @ 632.8nm:                                |
| λ/4                                                                                                                    | Irregularity (P-V) @ 632.8nm:                         |
| ±1.00                                                                                                                  | Focal Length Tolerance (%):                           |
| 5.00                                                                                                                   | f/#:                                                  |
| 0.10                                                                                                                   | Numerical Aperture NA:                                |
| 750 - 1550                                                                                                             | Wavelength Range (nm):                                |
| 8 J/cm² @ 1064nm, 10ns                                                                                                 | Damage Threshold, By Design: <input type="checkbox"/> |

Regulatory Compliance

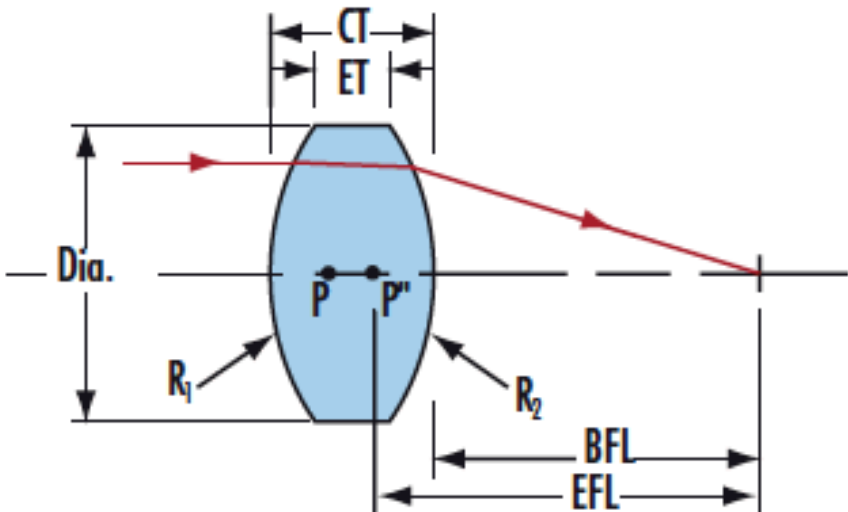
|           |                             |
|-----------|-----------------------------|
| Compliant | Reach 224:                  |
| View      | Certificate of Conformance: |

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

