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TECHSPEC<sup>®</sup> 20.0mm Dia. x 100.0mm FL Uncoated, Plano-Convex Lens



Stock **#32-475** 20+ In Stock

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1

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₹2,297

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General

Plano-Convex Lens

Type:

Physical & Mechanical Properties

20.00 +0.0/-0.025

Diameter (mm):

|                      |                           |
|----------------------|---------------------------|
| <1                   | Centering (arcmin):       |
| 4.30 ±0.10           | Center Thickness CT (mm): |
| 3.32                 | Edge Thickness ET (mm):   |
| 19                   | Clear Aperture CA (mm):   |
| Protective as needed | Bevel:                    |

|                    |                                  |
|--------------------|----------------------------------|
| Optical Properties |                                  |
| 100.00 @587.6nm    | Effective Focal Length EFL (mm): |
| 97.13              | Back Focal Length BFL (mm):      |
| Uncoated           | Coating:                         |
| N-BK7              | Substrate: □                     |
| 40-20              | Surface Quality:                 |
| 1.5λ               | Power (P-V) @ 632.8nm:           |
| λ/4                | Irregularity (P-V) @ 632.8nm:    |
| ±1                 | Focal Length Tolerance (%):      |
| 51.68              | Radius R <sub>1</sub> (mm):      |
| 5                  | f/#:                             |
| 0.10               | Numerical Aperture NA:           |
| 350 - 2200         | Wavelength Range (nm):           |

|                                     |                             |
|-------------------------------------|-----------------------------|
| Regulatory Compliance               |                             |
| Compliant                           | RoHS 2015:                  |
| Compliant                           | Reach 219:                  |
| View                                | Certificate of Conformance: |
| Japan                               | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Wavelength Range of 350-2200nm
- Precision Diameter and Centration Tolerances Allow for Easy OEM Integration
- Wide Variety of Diameters, Focal Lengths, and Coatings
- Anti-Reflection PCX Coating Options: [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#), [VIS-EXT](#), and [YAG-BBAR](#)

TECHSPEC® Uncoated Plano-Convex (PCX) Lenses have a positive focal length, making them ideal for collecting and focusing light in imaging applications. These lenses excel in optical systems by concentrating light onto a detector or imaging plane, enhancing clarity and detail. They are also valuable for a variety of applications involving emitters, detectors, lasers, and fiber optics.

Plano-Convex lenses are ideal for a multitude of optics and photonics applications, including biotech instruments such as DNA sequencers and polymerase chain reaction (PCR) testing platforms. Their uncoated design ensures consistent performance across a broad wavelength range, making them versatile and reliable components for various optical setups.

TECHSPEC Uncoated Plano-Convex (PCX) Lenses are available in a wide variety of diameters and focal lengths. Identical designs of these PCX lenses are also offered with broadband anti-reflective (BBAR) coatings, which include [MgF<sub>2</sub>](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#), [VIS-EXT](#), and [YAG-BBAR](#).

These coatings minimize surface reflections and maximize light transmission across different spectral ranges, ensuring optimal performance in various imaging and photonics applications. Whether for general use or specialized needs, TECHSPEC® PCX Lenses deliver precision and adaptability to enhance the effectiveness of optical systems.

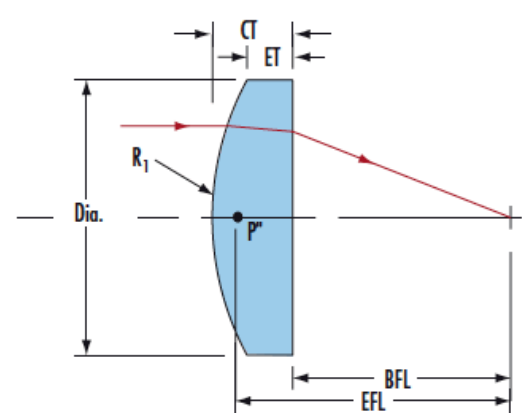
Customers can utilize TECHSPEC® Uncoated Plano-Convex (PCX) Lenses in various ways:

- For emitters and detectors, these lenses are ideal for focusing and collimating light to enhance signal detection.
- In laser applications, they can be used to focus laser beams or to couple light efficiently into optical fibers, improving the performance of laser systems.
- For fiber optics, PCX lenses help couple light between fibers and other optical components, optimizing signal transmission and minimizing loss.
- In biotech instruments such as DNA sequencers and PCR testing platforms, these lenses focus light onto samples or detectors. Their ability to provide precise light collection and focusing enhances the accuracy and reliability of optical measurements, making them essential for high-resolution imaging and detection tasks.

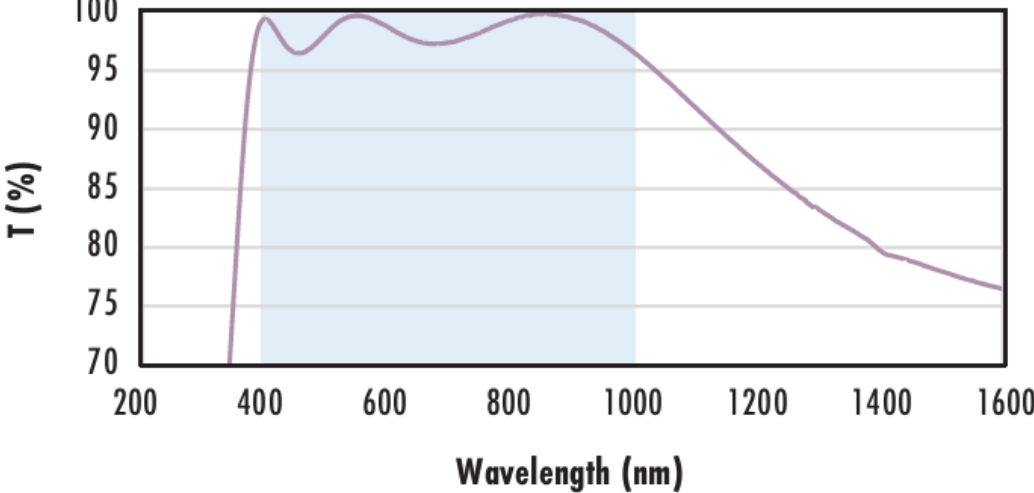
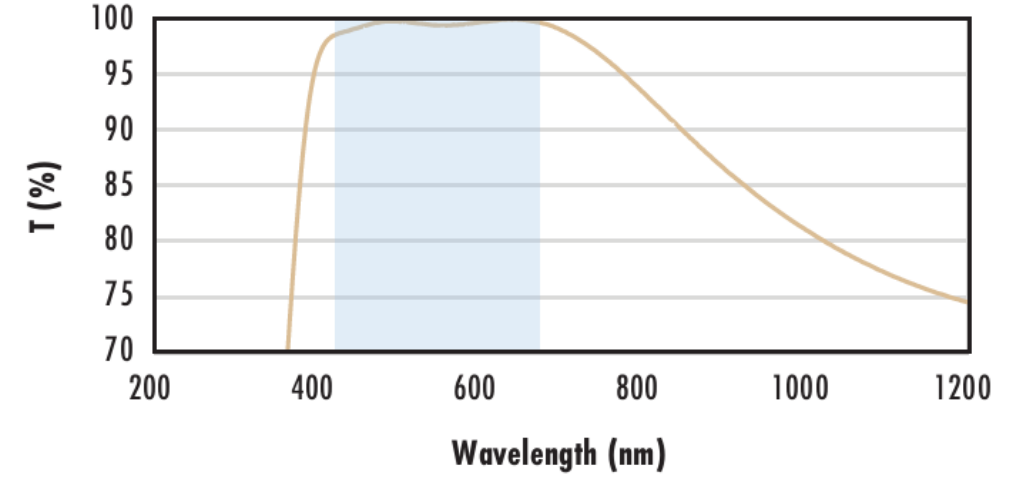
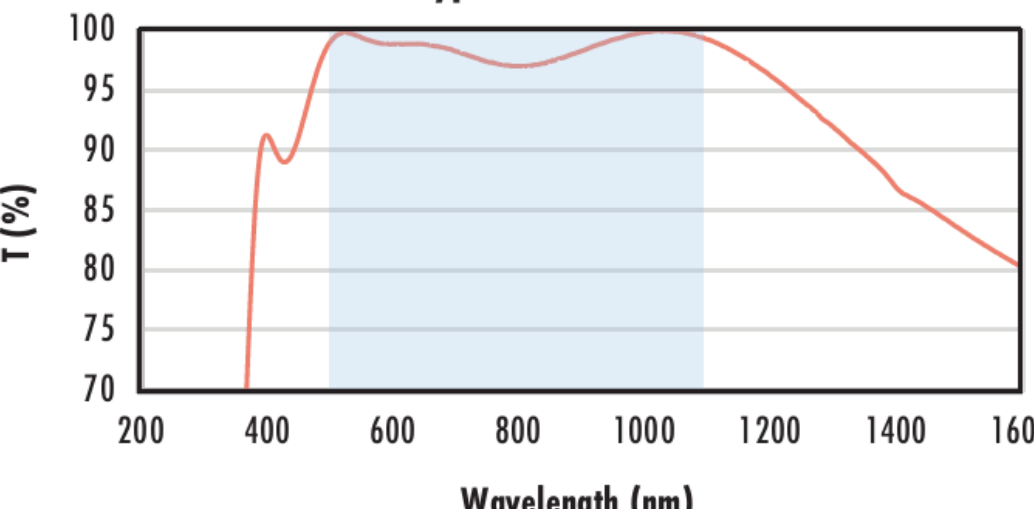
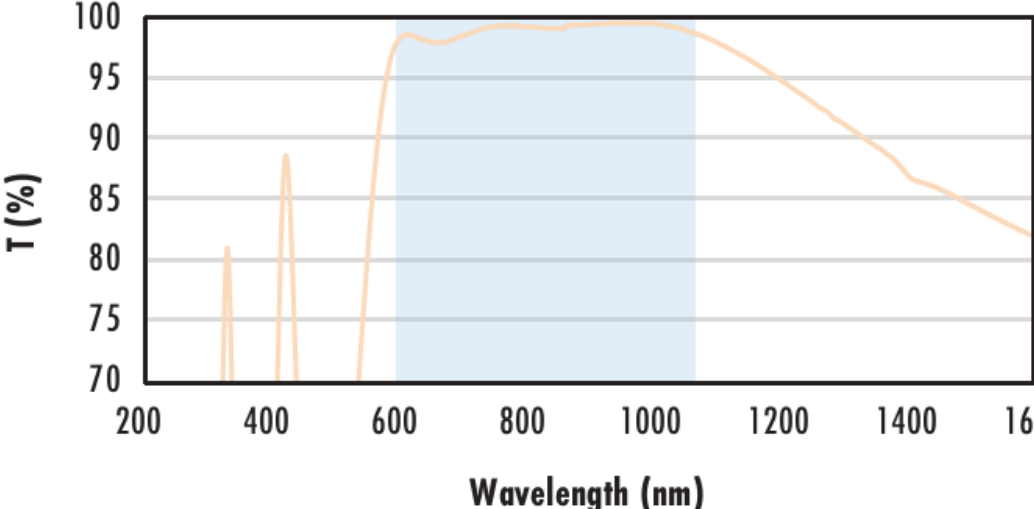
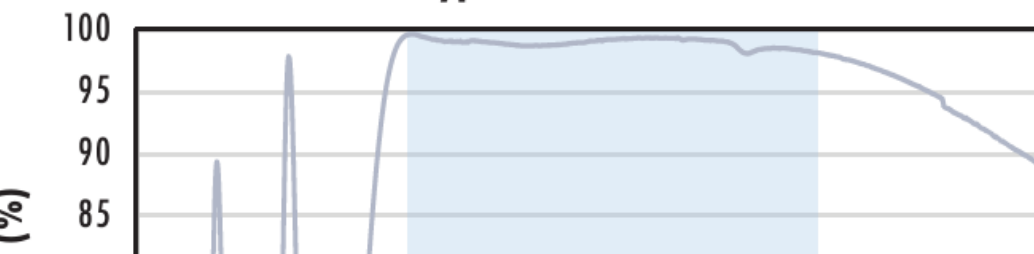
By integrating TECHSPEC® Uncoated PCX Lenses into these systems, customers can achieve improved optical performance and enhanced functionality across various photonics and optical applications.

TECHSPEC Uncoated Plano-Convex (PCX) Lenses are available in a variety of diameters, focal lengths, and optical materials. Plano-convex lenses are manufactured from high quality materials such as UV Grade [Fused Silica](#), N-BK7 Optical Glass, and a wide variety of [Infrared \(IR\) materials](#). Different materials are useful for a variety of applications; review our [lens material selection tech note](#) for additional information.

## Technical Information



| N-BK7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-----|----|-----|----|-----|----|-----|----|-----|----|------|----|------|----|------|----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Uncoated N-BK7 Typical Transmission</div><table border="1"><caption>Uncoated N-BK7 Typical Transmission Data (Approximate)</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>300</td><td>70</td></tr><tr><td>400</td><td>92</td></tr><tr><td>600</td><td>92</td></tr><tr><td>800</td><td>92</td></tr><tr><td>1000</td><td>92</td></tr><tr><td>1200</td><td>92</td></tr><tr><td>1400</td><td>92</td></tr><tr><td>1600</td><td>92</td></tr><tr><td>1800</td><td>92</td></tr><tr><td>2000</td><td>91</td></tr><tr><td>2200</td><td>89</td></tr></tbody></table></div>                                         | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 300 | 70 | 400 | 92 | 600 | 92 | 800 | 92 | 1000 | 92 | 1200 | 92 | 1400 | 92 | 1600 | 92 | 1800                                                                                                                                                                                                                                                                                                                                                                                                          | 92 | 2000 | 91 | 2200 | 89 | <p>Typical transmission of a 3mm thick, uncoated N-BK7 window across the UV - NIR spectra.</p> <p><a href="#">Click Here to Download Data</a></p>                                                                                                                                                                                                                                                                   |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Transmission T (%) |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 91                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 89                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div><div>N-BK7 with MgF<sub>2</sub> Coating Typical Transmission</div><table border="1"><caption>N-BK7 with MgF<sub>2</sub> Coating Typical Transmission Data (Approximate)</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>300</td><td>70</td></tr><tr><td>400</td><td>95</td></tr><tr><td>600</td><td>97</td></tr><tr><td>800</td><td>95</td></tr><tr><td>1000</td><td>94</td></tr><tr><td>1200</td><td>93</td></tr><tr><td>1400</td><td>93</td></tr><tr><td>1600</td><td>92</td></tr><tr><td>1800</td><td>91</td></tr><tr><td>2000</td><td>90</td></tr><tr><td>2200</td><td>89</td></tr></tbody></table></div> | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 300 | 70 | 400 | 95 | 600 | 97 | 800 | 95 | 1000 | 94 | 1200 | 93 | 1400 | 93 | 1600 | 92 | 1800                                                                                                                                                                                                                                                                                                                                                                                                          | 91 | 2000 | 90 | 2200 | 89 | <p>Typical transmission of a 3mm thick N-BK7 window with MgF2 (400-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 1.75\% @ 400 - 700\text{nm}</math> (N-BK7)</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Transmission T (%) |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 97                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 94                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 92                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 91                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 90                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 89                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div><div>N-BK7 with VIS-EXT Coating Typical Transmission</div><table border="1"><caption>N-BK7 with VIS-EXT Coating Typical Transmission Data (Approximate)</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>300</td><td>70</td></tr><tr><td>350</td><td>95</td></tr><tr><td>400</td><td>98</td></tr><tr><td>600</td><td>98</td></tr><tr><td>700</td><td>98</td></tr><tr><td>800</td><td>95</td></tr><tr><td>1000</td><td>85</td></tr><tr><td>1200</td><td>78</td></tr></tbody></table></div>                                                                                                                      | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 300 | 70 | 350 | 95 | 400 | 98 | 600 | 98 | 700  | 98 | 800  | 95 | 1000 | 85 | 1200 | 78 | <p>Typical transmission of a 3mm thick N-BK7 window with VIS-EXT (350-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.5\% @ 350 - 700\text{nm}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Transmission T (%) |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 98                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 98                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 98                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 85                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 78                 |                    |     |    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>N-BK7 with VIS-NIR Coating</div><div>Typical Transmission</div></div><div></div></div>    | <p>Typical transmission of a 3mm thick N-BK7 window with VIS-NIR (400-1000nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 0.25\%</math> @ 880nm<br/><math>R_{avg} \leq 1.25\%</math> @ 400 - 870nm<br/><math>R_{avg} \leq 1.25\%</math> @ 890 - 1000nm</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |
| <div><div><div>N-BK7 with VIS 0° Coating</div><div>Typical Transmission</div></div><div></div></div>    | <p>Typical transmission of a 3mm thick N-BK7 window with VIS 0° (425-675nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.4\%</math> @ 425 - 675nm</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p>                                                                                                     |
| <div><div><div>N-BK7 with YAG-BBAR Coating</div><div>Typical Transmission</div></div><div></div></div> | <p>Typical transmission of a 3mm thick N-BK7 window with YAG-BBAR (500-1100nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 0.25\%</math> @ 532nm<br/><math>R_{abs} \leq 0.25\%</math> @ 1064nm<br/><math>R_{avg} \leq 1.0\%</math> @ 500 - 1100nm</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p>      |
| <div><div><div>N-BK7 with NIR I Coating</div><div>Typical Transmission</div></div><div></div></div>    | <p>Typical transmission of a 3mm thick N-BK7 window with NIR I (600 - 1050nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.5\%</math> @ 600 - 1050nm</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p>                                                                                                  |
| <div><div><div>N-BK7 with NIR II Coating</div><div>Typical Transmission</div></div><div></div></div>   | <p>Typical transmission of a 3mm thick N-BK7 window with NIR II (750 - 1550nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 1.5\%</math> @ 750 - 800nm<br/><math>R_{abs} \leq 1.0\%</math> @ 800 - 1550nm<br/><math>R_{avg} \leq 0.7\%</math> @ 750 - 1550nm</p>                                                                                                                           |



## Compatible Mounts