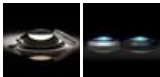


TECHSPEC® Plankonvexe Linse, 35,0 mm D. x 50,0 mm BW, VIS-NIR-beschichtet, geschwärzt



Produkt **#38-552-INK**

KONTAKT

Andere Beschichtungen

-

1

+

€76<sup>.00</sup>

+ WARENKORB

| Mengenrabatte |                                 |
|---------------|---------------------------------|
| Stk. 1-9      | €76,00 stückpreis               |
| Stk. 10-24    | €68,50 stückpreis               |
| Stk. 25-49    | €60,50 stückpreis               |
| Need More?    | <a href="#">Angebotsanfrage</a> |

!

 Preise exklusiv der geltenden Mehrwertsteuer und Abgaben

Downloadbereich

Produktdetails

Plano-Convex Lens

Typ:

Physikalische und mechanische Eigenschaften

|                      |                             |
|----------------------|-----------------------------|
| 35.00 ±0.025         | Durchmesser (mm):           |
| <1                   | Zentrierung (Bogenminuten): |
| 8.50 ±0.10           | Mittendicke CT (mm):        |
| 1.67                 | Randdicke ET (mm):          |
| 34                   | Freie Apertur CA (mm):      |
| Protective as needed | Fase:                       |

Optische Eigenschaften

|                                                                                                                    |                                                        |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| 50.00 @ 587.6nm                                                                                                    | Effektive Brennweite EFL (mm):                         |
| 44.40                                                                                                              | Hintere Brennweite BFL (mm):                           |
| VIS-NIR (400-1000nm)                                                                                               | Beschichtung:                                          |
| R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm | Beschichtungsspezifikation:                            |
| N-BK7                                                                                                              | Substrat: <input type="checkbox"/>                     |
| 40-20                                                                                                              | Oberflächenqualität:                                   |
| 1.5λ                                                                                                               | Power (P-V) @ 632,8 nm:                                |
| λ/4                                                                                                                | Unregelmäßigkeit (P-V) @ 632,8 nm:                     |
| ±1                                                                                                                 | Toleranz Brennweite (%):                               |
| 25.84                                                                                                              | Radius R <sub>1</sub> (mm):                            |
| 1.43                                                                                                               | Blende:                                                |
| 0.35                                                                                                               | Numerische Apertur NA:                                 |
| 400 - 1000                                                                                                         | Wellenlängenbereich (nm):                              |
| 5 J/cm <sup>2</sup> @ 532nm, 10ns                                                                                  | Zerstörschwelle, laut Design: <input type="checkbox"/> |

Konformität mit Standards

|          |                         |
|----------|-------------------------|
| Anzeigen | Konformitätszertifikat: |
|----------|-------------------------|

## Gewünschte Spezifikationen nicht dabei?

Edmund Optics bietet einen umfangreichen kundenspezifischen Fertigungsservice für Optik- und Bildverarbeitungskomponenten an, speziell hergestellt für Ihre Anwendungsanforderungen. Wir ermöglichen flexible Lösungen für Ihre Bedürfnisse – von der Prototypenphase bis zur Serienfertigung. Unsere erfahrenen IngenieurInnen freuen sich auf die Zusammenarbeit und unterstützen Sie bei jedem Projektschritt.

Unser Service beinhaltet:

- Kundenspezifische Abmessungen, Materialien und mehr
- Hochpräzise Oberflächenqualität und -ebenheit
- Enge Toleranzen und komplexe Formen
- Skalierbare Produktion – vom Prototypen zur Serie

Erfahren Sie mehr über unsere [kundenspezifischen Fertigungsmöglichkeiten](#) oder senden Sie [hier](#) eine Anfrage.

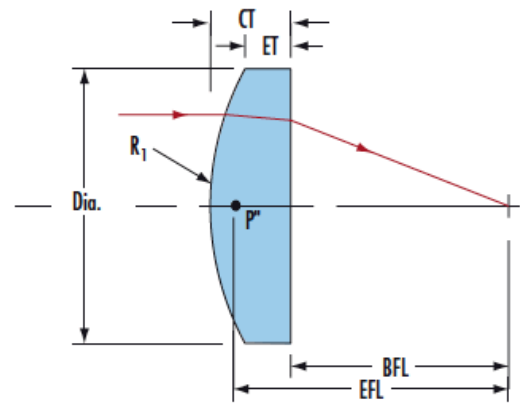
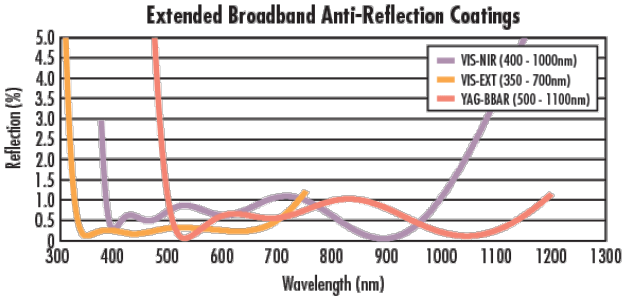
## Produktdetails

- AR-beschichtet für <1,25% Reflexion pro Oberfläche bei 400 - 1000 nm
- <0,25% Reflexion bei 880 nm
- Entwickelt für einen Einfallswinkel von 0°
- Antireflexionsbeschichtungen erhältlich: [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR I](#), [NIR II](#), [VIS-EXT](#) und [YAG-BBAR](#) oder [unbeschichtet](#)

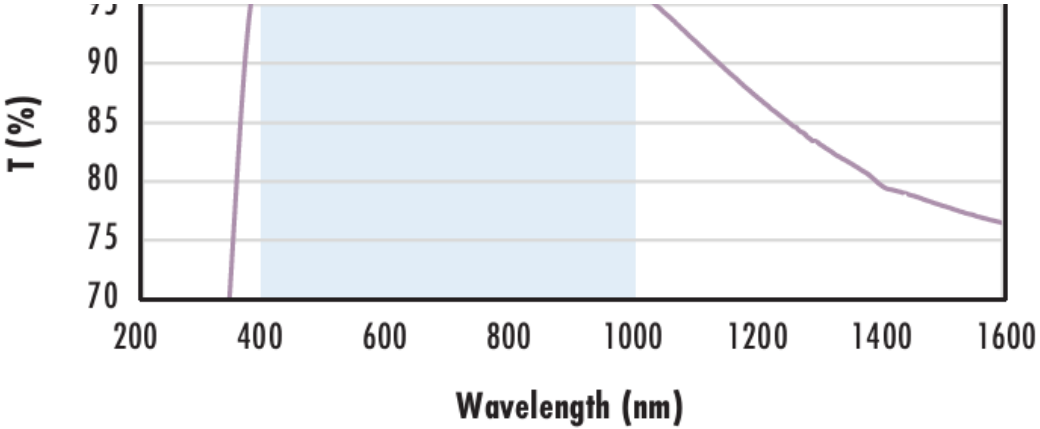
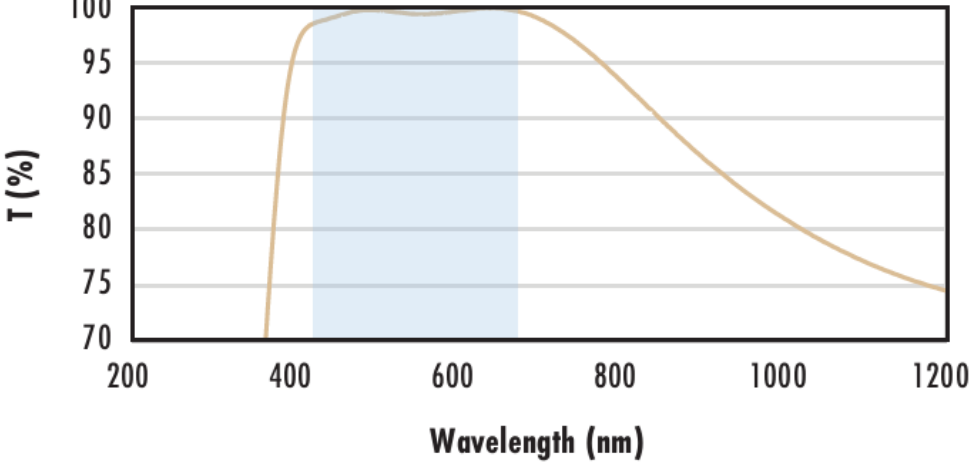
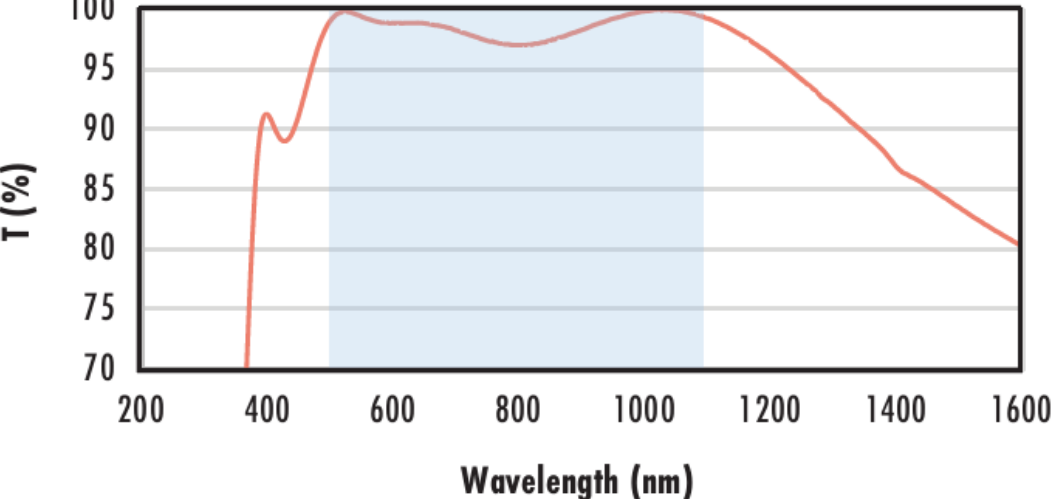
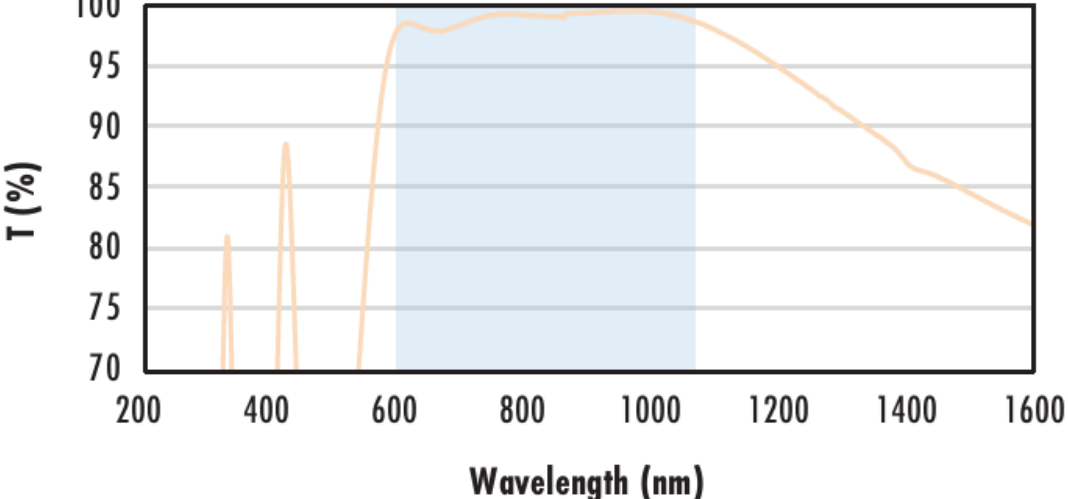
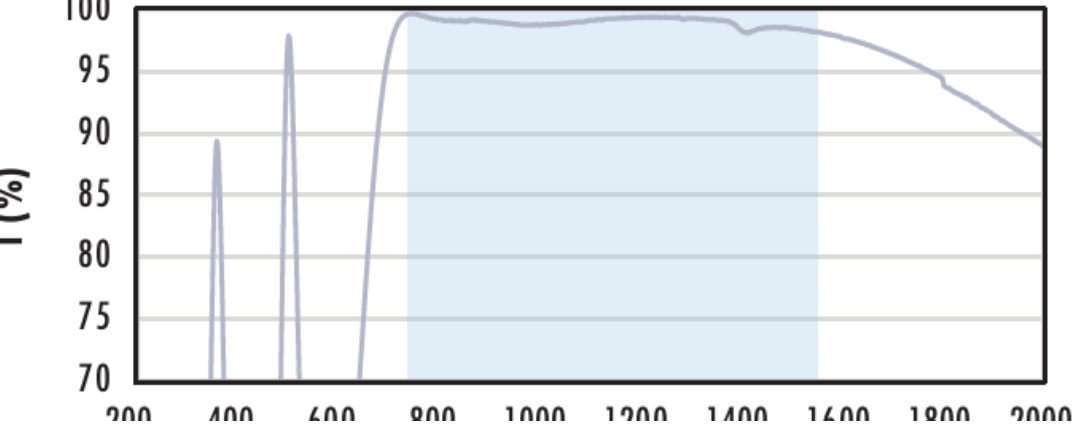
TECHSPEC® Plankonvexe Linsen (PCX) mit VIS-NIR-Beschichtung haben eine positive Brennweite und sind ideal für die Fokussierung von Licht in abbildenden Anwendungen. Sie können gut in Verbindung mit Emittern, Detektoren, Lasern und Faseroptiken eingesetzt werden. Plankonvexe Linsen sind ideal für eine Vielzahl von optischen und photonischen Anwendungen, einschließlich biotechnologischer Instrumente wie DNA-Sequenzierer und Polymerase-Kettenreaktion (PCR)-Testplattformen. TECHSPEC® Plankonvexe Linsen (PCX) mit VIS-NIR-Beschichtung sind in einer Vielzahl von Durchmessern und Brennweiten erhältlich. Identische Designs dieser Linsen werden auch [unbeschichtet](#) oder mit breitbandigen Antireflexionsbeschichtungen (BBAR) angeboten, dazu gehören [MgF<sub>2</sub>](#), [VIS 0°](#), [NIR I](#), [NIR II](#), [VIS-EXT](#) und [YAG-BBAR](#).

Diese beschichteten Linsen können in einer Vielzahl von Optik- und Photonikanwendungen eingesetzt werden, z. B. in Biotechnik-Geräten wie DNA-Sequenzierern und PCR-Testgeräten.

## Technische Informationen



| <h3>Uncoated N-BK7 Typical Transmission</h3> <table border="1"><caption>Approximate data for Uncoated N-BK7 Typical Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>90</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>91</td></tr><tr><td>2000</td><td>90</td></tr><tr><td>2200</td><td>88</td></tr></tbody></table>                                         |       | Wavelength (nm) | T (%) | 200 | 90 | 400 | 92 | 600 | 92 | 800 | 92 | 1000 | 92 | 1200 | 92 | 1400                                                                                                 | 92 | 1600                                                                                                                                                                                                                                                                                                                                                                                                          | 92 | 1800 | 91 | 2000 | 90 | 2200 | 88 | <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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T (%) |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 90    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 91    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 90    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 88    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <h3>N-BK7 with MgF<sub>2</sub> Coating Typical Transmission</h3> <table border="1"><caption>Approximate data for N-BK7 with MgF<sub>2</sub> Coating Typical Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>90</td></tr><tr><td>400</td><td>97</td></tr><tr><td>600</td><td>97</td></tr><tr><td>800</td><td>96</td></tr><tr><td>1000</td><td>95</td></tr><tr><td>1200</td><td>94</td></tr><tr><td>1400</td><td>93</td></tr><tr><td>1600</td><td>93</td></tr><tr><td>1800</td><td>92</td></tr><tr><td>2000</td><td>91</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table> |       | Wavelength (nm) | T (%) | 200 | 90 | 400 | 97 | 600 | 97 | 800 | 96 | 1000 | 95 | 1200 | 94 | 1400                                                                                                 | 93 | 1600                                                                                                                                                                                                                                                                                                                                                                                                          | 93 | 1800 | 92 | 2000 | 91 | 2200 | 90 | <p>Typical transmission of a 3mm thick N-BK7 window with MgF<sub>2</sub> (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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T (%) |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 90    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 96    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 95    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 94    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 93    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 93    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 91    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 90    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <h3>N-BK7 with VIS-EXT Coating Typical Transmission</h3> <table border="1"><caption>Approximate data for N-BK7 with VIS-EXT Coating Typical Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>350</td><td>98</td></tr><tr><td>500</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>                                                                                                                                                      |       | Wavelength (nm) | T (%) | 200 | 70 | 350 | 98 | 500 | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T (%) |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 70    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 95    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 85    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 78    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <h3>N-BK7 with VIS-NIR Coating Typical Transmission</h3> <table border="1"><caption>Approximate data for N-BK7 with VIS-NIR Coating Typical Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>90</td></tr><tr><td>400</td><td>98</td></tr><tr><td>600</td><td>98</td></tr><tr><td>800</td><td>98</td></tr><tr><td>1000</td><td>98</td></tr><tr><td>1200</td><td>85</td></tr></tbody></table>                                                                                                                                                                                      |       | Wavelength (nm) | T (%) | 200 | 90 | 400 | 98 | 600 | 98 | 800 | 98 | 1000 | 98 | 1200 | 85 | <p>Typical transmission of a 3mm thick N-BK7 window with VIS-NIR (400-1000nm) coating at 0° AOI.</p> |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T (%) |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 90    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 85    |                 |       |     |    |     |    |     |    |     |    |      |    |      |    |                                                                                                      |    |                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                |

|                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                               | <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 0.25\% @ 880nm</math><br/><math>R_{avg} \leq 1.25\% @ 400 - 870nm</math><br/><math>R_{avg} \leq 1.25\% @ 890 - 1000nm</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>                                                                                                           |
| <p><b>N-BK7 with VIS 0° Coating</b><br/><b>Typical Transmission</b></p>     | <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\% @ 425 - 675nm</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>                                                                                                          |
| <p><b>N-BK7 with YAG-BBAR Coating</b><br/><b>Typical Transmission</b></p>  | <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\% @ 532nm</math><br/><math>R_{abs} \leq 0.25\% @ 1064nm</math><br/><math>R_{avg} \leq 1.0\% @ 500 - 1100nm</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>           |
| <p><b>N-BK7 with NIR I Coating</b><br/><b>Typical Transmission</b></p>     | <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\% @ 600 - 1050nm</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>                                                                                                       |
| <p><b>N-BK7 with NIR II Coating</b><br/><b>Typical Transmission</b></p>    | <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\% @ 750 - 800nm</math><br/><math>R_{abs} \leq 1.0\% @ 800 - 1550nm</math><br/><math>R_{avg} \leq 0.7\% @ 750 - 1550nm</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> |



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