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TECHSPEC® 9mm Dia x -18 Distance Focale, traité VIS 0°, Lentille PCV



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-

1

+

€46<sup>.00</sup>

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| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-9           | €46,00 prix unitaire             |
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ⓘ Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Plano-Concave Lens

Type:

Propriétés physiques et mécaniques

|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| 9.00 +0.0/-0.025                     | Diamètre (mm):                                        |
| Protective as needed                 | Biseau:                                               |
| 2.25                                 | Épaisseur Centrale CT (mm):                           |
| ±0.05                                | Tolérance Épaisseur Centrale (mm):                    |
| <1                                   | Centrage (arcmin):                                    |
| 8.1                                  | Ouverture Utile CA (mm):                              |
| 2.89                                 | Épaisseur au Bord ET (mm):                            |
| Propriétés optiques                  |                                                       |
| -18.00                               | Distance Focale EFL (mm):                             |
| N-SF11                               | Substrat: <input type="checkbox"/>                    |
| 2.00                                 | f/#:                                                  |
| 0.25                                 | Ouverture Numérique NA:                               |
| VIS 0° (425-675nm)                   | Traitement:                                           |
| 425 - 675                            | Gamme de Longueur d'Onde (nm):                        |
| -19.26                               | Distance Focale Arrière BFL (mm):                     |
| R <sub>avg</sub> ≤0.4% @ 425 - 675nm | Spécification du Traitement:                          |
| 587.6                                | Longueur d'Onde à la Focale Donnée (nm):              |
| ±1                                   | Tolérance Distance Focale (%):                        |
| -14.12                               | Rayon R <sub>1</sub> (mm):                            |
| 40-20                                | Qualité de Surface:                                   |
| 5 J/cm <sup>2</sup> @ 532nm, 10ns    | Damage Threshold, By Design: <input type="checkbox"/> |
| 1.5λ                                 | Power (P-V) @ 632.8nm:                                |
| λ/4                                  | Irregularity (P-V) @ 632.8nm:                         |
| Conformité réglementaire             |                                                       |
| Conforme                             | RoHS 2015:                                            |
| Conforme                             | Reach 219:                                            |
| Visionner                            | Certificate of Conformance:                           |

## Besoin de spécifications différentes ou de modifications ?

Edmund Optics propose des services complets de fabrication personnalisée de composants optiques et d'imagerie adaptés aux exigences de vos applications spécifiques. Qu'il s'agisse de la phase de prototypage ou de la préparation d'une production à grande échelle, nous proposons des solutions flexibles pour répondre à vos besoins. Nos ingénieurs expérimentés sont là pour vous aider, de la conception à la réalisation.

Nos capacités comprennent :

- Dimensions, matériaux, traitements, etc. personnalisés
- Qualité de surface et planéité de surface de haute précision
- Tolérances serrées et géométries complexes
- Production évolutive – du prototype à la série

En savoir plus sur nos [capacités de fabrication sur mesure](#) ou soumettre une demande [ici](#).

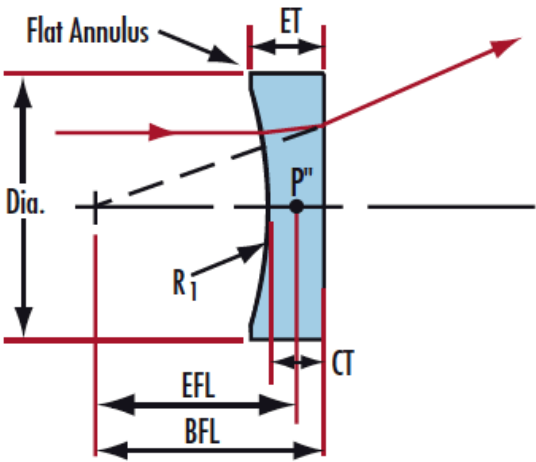
## Description produit

- Traitées AR pour procurer <0,4% de réflectivité par surface de 425 nm à 675 nm
- Conçues pour un angle d'incidence de 0°
- Traitements disponibles : [Non Traitées](#), [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#) et [NIR II](#)

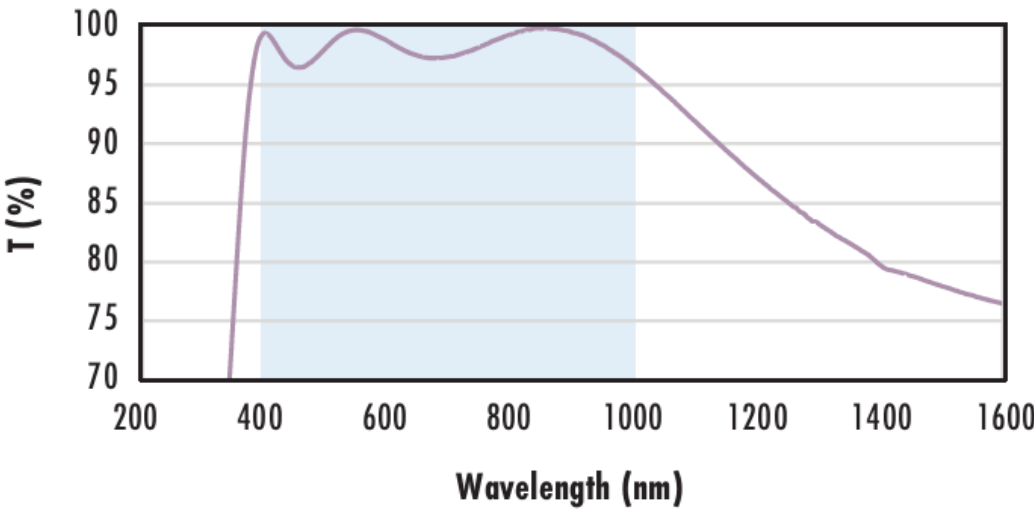
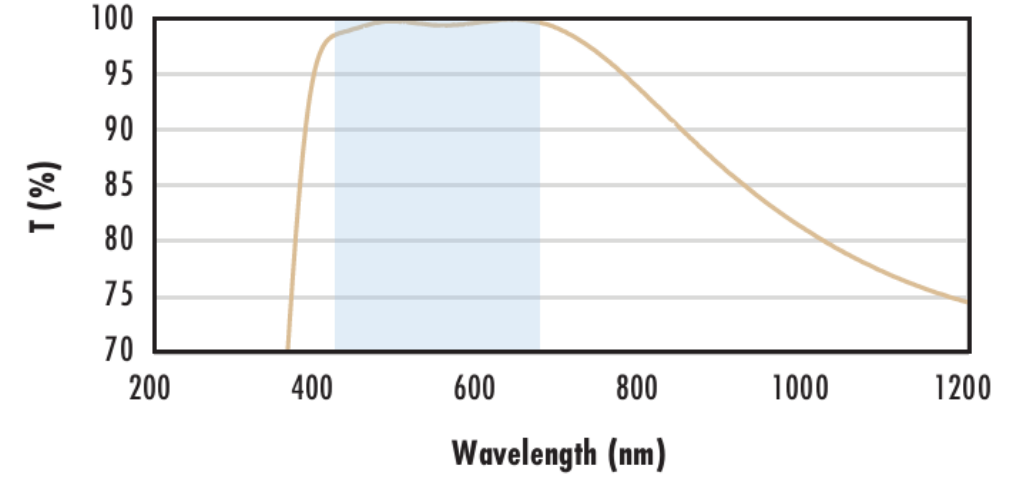
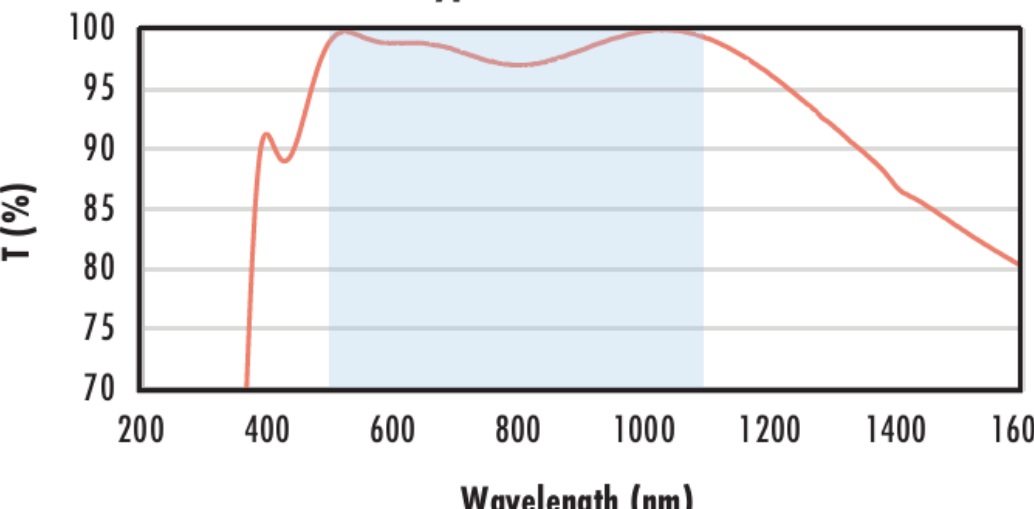
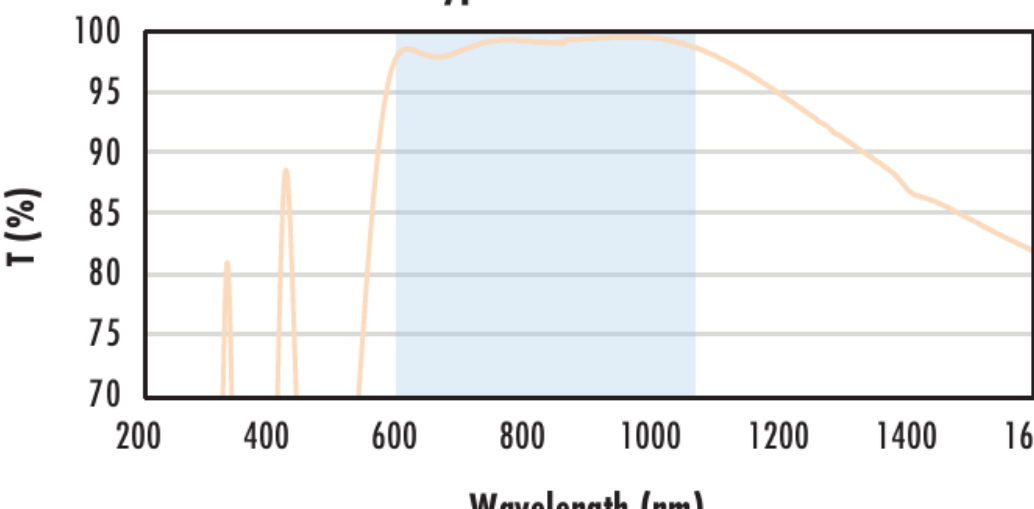
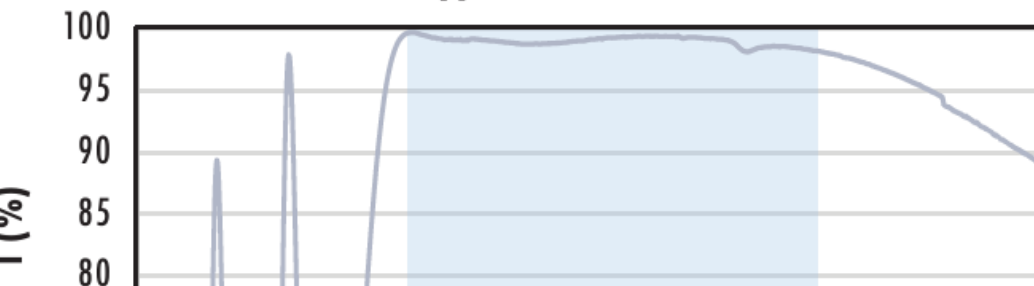
Les Lentilles Plan-Concaves (PCV) Traitées VIS 0° TECHSPEC® sont conçues pour courber les rayons d'entrée parallèles afin qu'ils divergent les uns des autres du côté de la sortie de la lentille, ce qui fait que cette lentille a une distance focale négative. Ces lentilles peuvent être utilisées pour équilibrer les aberrations créées par d'autres lentilles au sein d'un système en raison de leur aberration sphérique négative. Les lentilles plan-concaves (PCV) sont

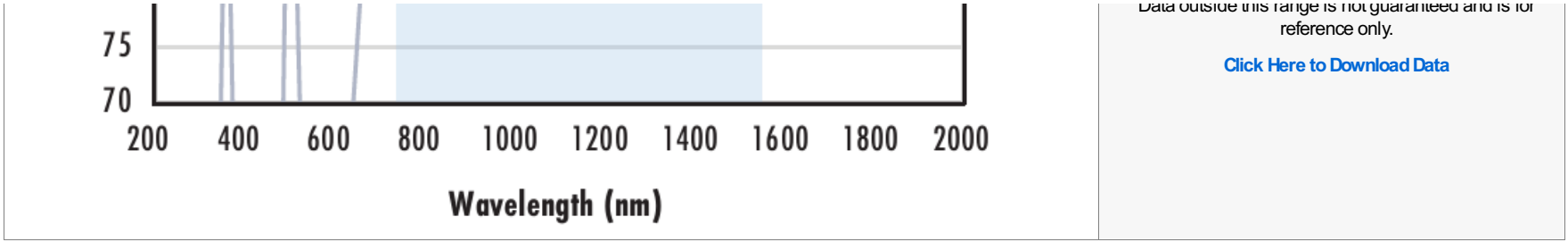
couramment utilisées dans une variété d'applications, notamment la réduction d'image, l'expansion de faisceau et les télescopes. Les Lentilles Plan-Concaves (PCV) Traitées VIS 0° TECHSPEC® sont mieux utilisées dans les situations où l'angle d'incidence est de 0o et elles fournissent une transmission optimisée dans la gamme de 425 nm à 675 nm. Ces lentilles sont également disponibles [Non Traitées](#) et en options de traitement AR [VIS-EXT](#), [MgF<sub>2</sub>](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#) ou [NIR II](#).

Informations techniques



| N-BK7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-----|----|-----|----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Uncoated N-BK7 Typical Transmission</div><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>70</td></tr><tr><td>400</td><td>92</td></tr><tr><td>600</td><td>92.5</td></tr><tr><td>800</td><td>92.5</td></tr><tr><td>1000</td><td>92.5</td></tr><tr><td>1200</td><td>92.5</td></tr><tr><td>1400</td><td>92.5</td></tr><tr><td>1600</td><td>92.5</td></tr><tr><td>1800</td><td>92</td></tr><tr><td>2000</td><td>91.5</td></tr><tr><td>2200</td><td>88</td></tr></tbody></table></div>                                                               | Wavelength (nm) | T (%) | 200 | 70 | 400 | 92 | 600 | 92.5 | 800 | 92.5 | 1000 | 92.5 | 1200 | 92.5 | 1400 | 92.5 | 1600 | 92.5 | 1800 | 92   | 2000 | 91.5 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 70              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 91.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 88              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>N-BK7 with MgF<sub>2</sub> Coating Typical Transmission</div><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>70</td></tr><tr><td>400</td><td>98</td></tr><tr><td>500</td><td>99</td></tr><tr><td>600</td><td>98.5</td></tr><tr><td>800</td><td>97</td></tr><tr><td>1000</td><td>96</td></tr><tr><td>1200</td><td>95</td></tr><tr><td>1400</td><td>94</td></tr><tr><td>1600</td><td>93.5</td></tr><tr><td>1800</td><td>93</td></tr><tr><td>2000</td><td>92</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table></div> | Wavelength (nm) | T (%) | 200 | 70 | 400 | 98 | 500 | 99   | 600 | 98.5 | 800  | 97   | 1000 | 96   | 1200 | 95   | 1400 | 94   | 1600 | 93.5 | 1800 | 93   | 2000 | 92 | 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\% \text{ @ } 400 - 700\text{nm (N-BK7)}</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              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 99              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 95              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 94              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 93.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 93              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 92              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 90              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>N-BK7 with VIS-EXT Coating Typical Transmission</div><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>400</td><td>99</td></tr><tr><td>500</td><td>99.5</td></tr><tr><td>600</td><td>99.5</td></tr><tr><td>700</td><td>99.5</td></tr><tr><td>800</td><td>98</td></tr><tr><td>900</td><td>94</td></tr><tr><td>1000</td><td>88</td></tr><tr><td>1100</td><td>82</td></tr><tr><td>1200</td><td>78</td></tr></tbody></table></div>                                                   | Wavelength (nm) | T (%) | 200 | 70 | 350 | 98 | 400 | 99   | 500 | 99.5 | 600  | 99.5 | 700  | 99.5 | 800  | 98   | 900  | 94   | 1000 | 88   | 1100 | 82   | 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\% \text{ @ } 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              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 99              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 99.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 99.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 99.5            |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 98              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 94              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 88              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 82              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 78              |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>N-BK7 with VIS-NIR Coating Typical Transmission</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |       |     |    |     |    |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Typical Transmission</b></p>                                           | <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\% @ 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>                                               |



Coating Curves

Montures compatibles