

[Afficher tous les 413 produits de la même famille.](#)

TECHSPEC®

10,0 mm Dia, x 17,5 mm FL, Lentille PCX,YAG-BBAR Traitée



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#38-575** 1 In Stock

[D'autres traitements](#)

-

1

+

€46<sup>25</sup>

AJOUTER AU PANIER

| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-9           | €46,25 prix unitaire             |
| Qté 10-24         | €41,50 prix unitaire             |
| Qté 25-49         | €37,25 prix unitaire             |
| Need More?        | <a href="#">Demande de Devis</a> |

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Type:

Plano-ConvexLens

Propriétés physiques et mécaniques

|                      |                             |
|----------------------|-----------------------------|
| 10.00 +0.0/-0.025    | Diamètre (mm):              |
| <1                   | Centrage (arcmin):          |
| 2.80 ±0.05           | Épaisseur Centrale CT (mm): |
| 1.29                 | Épaisseur au Bord ET (mm):  |
| 9                    | Ouverture Utile CA (mm):    |
| Protective as needed | Biseau:                     |

Propriétés optiques

|                                                                                                              |                                                       |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 17.50 @587.6nm                                                                                               | Distance Focale EFL (mm):                             |
| 15.66                                                                                                        | Distance Focale Arrière BFL (mm):                     |
| YAG-BBAR (500-1100nm)                                                                                        | Traitement:                                           |
| R <sub>abs</sub> <0.25% @ 532nm<br>R <sub>abs</sub> <0.25% @ 1064nm<br>R <sub>avg</sub> <1.0% @ 500 - 1100nm | Spécification du Traitement:                          |
| N-BK7                                                                                                        | Substrat: <input type="checkbox"/>                    |
| 40-20                                                                                                        | Qualité de Surface:                                   |
| 1.5λ                                                                                                         | Power (P-V) @ 632.8nm:                                |
| λ/4                                                                                                          | Irregularity (P-V) @ 632.8nm:                         |
| ±1                                                                                                           | Tolérance Distance Focale (%):                        |
| 9.05                                                                                                         | Rayon R <sub>1</sub> (mm):                            |
| 1.75                                                                                                         | f/#:                                                  |
| 0.29                                                                                                         | Ouverture Numérique NA:                               |
| 500 - 1100                                                                                                   | Gamme de Longueur d'Onde (nm):                        |
| 5 J/cm² @ 532nm, 10ns                                                                                        | Damage Threshold, By Design: <input type="checkbox"/> |

Conformité réglementaire

|           |                             |
|-----------|-----------------------------|
| Conforme  | RoHS 2015:                  |
| Visionner | Certificate of Conformance: |
| Conforme  | Reach 235:                  |

Description produit

- Optimisées pour une réflexion <0,25% @532 nm et @1064 nm
- Traitées AR pour apporter une réflexion <1,0% par surface sur 500 - 1100 nm
- Conçues pour un angle d'incidence de 0°
- Diverses options de traitement : **Non Traitées**, **MgF2**, **VIS 0°**, **VIS-NIR**, **NIR I**, **NIR II** et **VIS-EXT**

Les Lentilles Plan-Convexes (PCX) Traitées YAG-BBAR TECHSPEC® possèdent une distance focale positive, les rendant idéales pour recueillir et focaliser la lumière dans les applications d'imagerie. Elles sont également utiles dans une variété d'applications impliquant les émetteurs, détecteurs, lasers et fibres optiques. Les Lentilles Plan-Convexes (PCX) Traitées YAG-BBAR TECHSPEC sont disponibles dans une grande variété de diamètres et de distances focales. Des modèles identiques de ces lentilles sont également proposés **non traités** ou avec des traitements antireflets à large bande (BBAR), qui comprennent **MgF2**, **VIS 0°**, **VIS-NIR**, **NIR I**, **NIR II** et **VIS-EXT**.

Informations techniques



| N-BK7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-----|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Uncoated N-BK7 Typical Transmission</div><table border="1"><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>~70</td></tr><tr><td>300</td><td>~70</td></tr><tr><td>400</td><td>~92</td></tr><tr><td>600</td><td>~92</td></tr><tr><td>800</td><td>~92</td></tr><tr><td>1000</td><td>~92</td></tr><tr><td>1200</td><td>~92</td></tr><tr><td>1400</td><td>~92</td></tr><tr><td>1600</td><td>~92</td></tr><tr><td>1800</td><td>~92</td></tr><tr><td>2000</td><td>~92</td></tr><tr><td>2200</td><td>~88</td></tr></tbody></table></div>                     | Wavelength (nm) | T (%) | 200 | ~70 | 300 | ~70 | 400 | ~92 | 600 | ~92 | 800 | ~92 | 1000 | ~92 | 1200 | ~92 | 1400 | ~92 | 1600                                                                                                                                                                                                                                                                                                                                                                                                          | ~92 | 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ~92 | 2000 | ~92 | 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             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~92             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~88             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div><div>N-BK7 with MgF<sub>2</sub> Coating Typical Transmission</div><table border="1"><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>~70</td></tr><tr><td>300</td><td>~70</td></tr><tr><td>400</td><td>~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>~98</td></tr><tr><td>1400</td><td>~98</td></tr><tr><td>1600</td><td>~98</td></tr><tr><td>1800</td><td>~98</td></tr><tr><td>2000</td><td>~98</td></tr><tr><td>2200</td><td>~90</td></tr></tbody></table></div> | Wavelength (nm) | T (%) | 200 | ~70 | 300 | ~70 | 400 | ~98 | 600 | ~98 | 800 | ~98 | 1000 | ~98 | 1200 | ~98 | 1400 | ~98 | 1600                                                                                                                                                                                                                                                                                                                                                                                                          | ~98 | 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ~98 | 2000 | ~98 | 2200 | ~90 | <p>Typical transmission of a 3mm thick N-BK7 window with MgF2 (400-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 1.75\% @ 400 - 700\text{nm}</math> (N-BK7)</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | T (%)           |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~90             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div><div>N-BK7 with VIS-EXT Coating Typical Transmission</div><table border="1"><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>~70</td></tr><tr><td>300</td><td>~70</td></tr><tr><td>400</td><td>~98</td></tr><tr><td>600</td><td>~98</td></tr><tr><td>700</td><td>~98</td></tr><tr><td>800</td><td>~95</td></tr><tr><td>1000</td><td>~85</td></tr><tr><td>1200</td><td>~78</td></tr></tbody></table></div>                                                                                                                                                  | Wavelength (nm) | T (%) | 200 | ~70 | 300 | ~70 | 400 | ~98 | 600 | ~98 | 700 | ~98 | 800  | ~95 | 1000 | ~85 | 1200 | ~78 | <p>Typical transmission of a 3mm thick N-BK7 window with VIS-EXT (350-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.5\% @ 350 - 700\text{nm}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | T (%)           |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~95             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~85             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~78             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div><div>N-BK7 with VIS-NIR Coating Typical Transmission</div><table border="1"><thead><tr><th>Wavelength (nm)</th><th>T (%)</th></tr></thead><tbody><tr><td>200</td><td>~70</td></tr><tr><td>300</td><td>~70</td></tr><tr><td>400</td><td>~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><tr><td>1400</td><td>~78</td></tr><tr><td>1600</td><td>~75</td></tr></tbody></table></div>                                                                                                               | Wavelength (nm) | T (%) | 200 | ~70 | 300 | ~70 | 400 | ~98 | 600 | ~98 | 800 | ~98 | 1000 | ~98 | 1200 | ~85 | 1400 | ~78 | 1600                                                                                                                                                                                                                                                                                                                                                                                                          | ~75 | <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\% @ 880\text{nm}</math><br/><math>R_{avg} \leq 1.25\% @ 400 - 870\text{nm}</math><br/><math>R_{avg} \leq 1.25\% @ 890 - 1000\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             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~70             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~98             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~85             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~78             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ~75             |       |     |     |     |     |     |     |     |     |     |     |      |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                               |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |      |     |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 - 675\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>                                                                                                                        |
| <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\% @ 532\text{nm}</math><br/><math>R_{abs} \leq 0.25\% @ 1064\text{nm}</math><br/><math>R_{avg} \leq 1.0\% @ 500 - 1100\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>           |
| <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 - 1050\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>                                                                                                                     |
| <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 - 800\text{nm}</math><br/><math>R_{abs} \leq 1.0\% @ 800 - 1550\text{nm}</math><br/><math>R_{avg} \leq 0.7\% @ 750 - 1550\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> |

Sur mesure

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](#).

## Montures compatibles

---