

TECHSPEC[®] 8.0mm Dia. x 8.0mm FL, MgF2 Coated, Plano-Convex Lens



Stock **#71-314** **20+ In Stock**

[D'autres traitements](#)

-

1

+

€38⁷⁵

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-10	€38,75 prix unitaire
Qté 11-24	€35,00 prix unitaire
Qté 25-49	€31,00 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

SPÉCIFICATIONS

Caractéristiques du produit

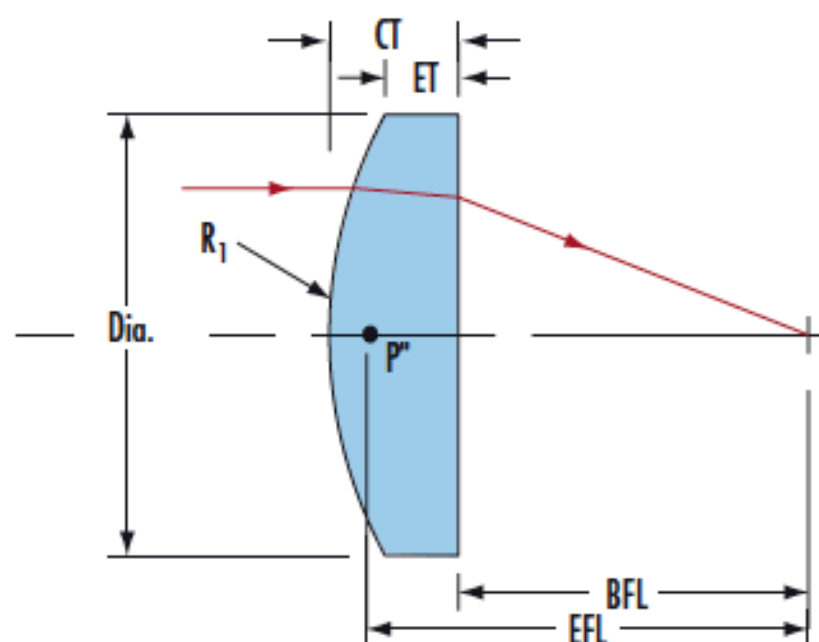
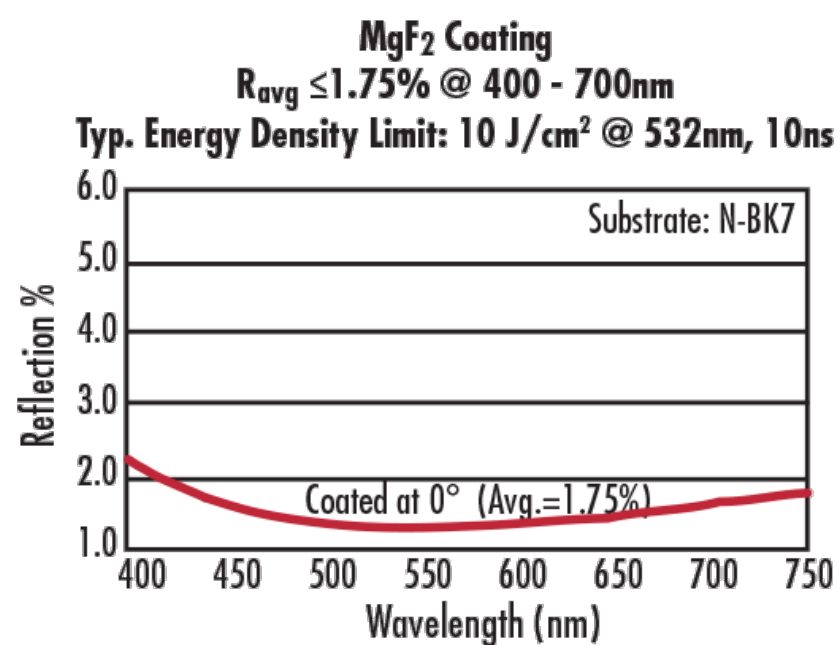
Plano-Convex Lens	Type:
Propriétés physiques et mécaniques	
8.00 +0.0/-0.025	Diamètre (mm):
<3	Centrage (arcmin):
2.90 ±0.05	Épaisseur Centrale CT (mm):
1.46	Épaisseur au Bord ET (mm):
7.20	Ouverture Utile CA (mm):
Protective as needed	Biseau:
Propriétés optiques	
8.00 @587.6nm	Distance Focale EFL (mm):
6.40	Distance Focale Arrière BFL (mm):
MgF2 (400-700nm)	Traitement:
R _{avg} ≤1.75% @ 400 - 700nm	Spécification du Traitement:
N-SF11	Substrat: ☐
40-20	Qualité de Surface:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
±1	Tolérance Distance Focale (%):
6.28	Rayon R ₁ (mm):
1.00	f/#:
0.50	Ouverture Numérique NA:
400 - 700	Gamme de Longueur d'Onde (nm):
10 J/cm² @ 532nm, 10ns	Damage Threshold, By Design: ☐
Conformité réglementaire	
Visionner	Certificate of Conformance:

DESCRIPTION PRODUIT

- Traitées AR pour offrir < 1,75% de réflectivité par surface entre 400 - 700 nm
- Conçues pour un angle d'incidence de 0°
- Diverses options de traitement : [Non Traitées](#), [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#), [VIS-EXT](#) et [YAG-BBAR](#)
- [Également disponibles en versions prémontées](#) dans des logements de monture C gravés

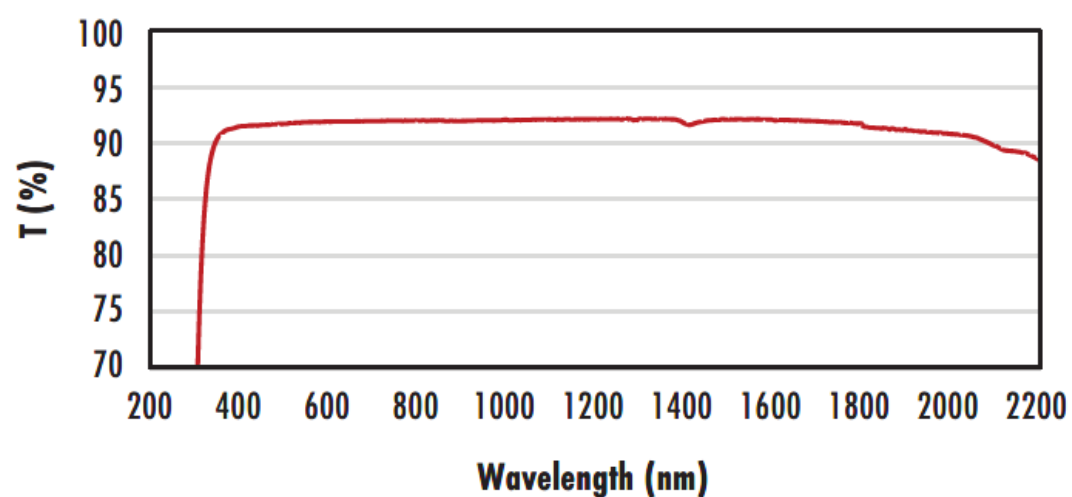
Les Lentilles Plan-Convexes (PCX) Traitées MgF₂ TECHSPEC[®] possèdent une distance focale positive, les rendant idéales pour recueillir et focaliser la lumière dans des applications d'imagerie. Elles sont également utiles dans une variété d'applications impliquant les émetteurs, détecteurs, lasers et fibres optiques. Les Lentilles Plan-Convexes (PCX) Traitées MgF₂ 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 autres traitements antireflets à large bande (BBAR), qui comprennent : [VIS 0°](#), [VIS-NIR](#), [NIR I](#), [NIR II](#), [VIS-EXT](#) et [YAG-BBAR](#).

INFORMATIONS TECHNIQUES



N-BK7

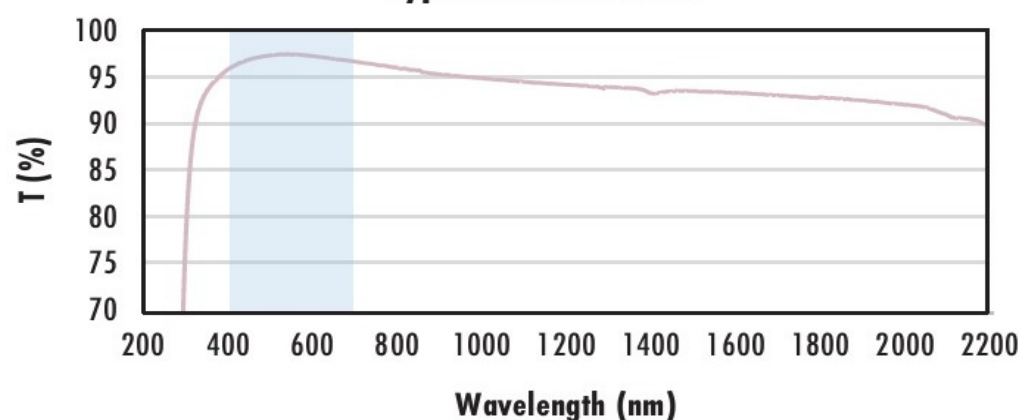
Uncoated N-BK7 Typical Transmission



Typical transmission of a 3mm thick, uncoated N-BK7 window across the UV - NIR spectra.

[Click Here to Download Data](#)

**N-BK7 with MgF₂ Coating
Typical Transmission**



Typical transmission of a 3mm thick N-BK7 window with MgF₂ (400-700nm) coating at 0° AOI.

The blue shaded region indicates the coating design wavelength range, with the following specification:

$R_{avg} \leq 1.75\% @ 400 - 700\text{nm}$ (N-BK7)

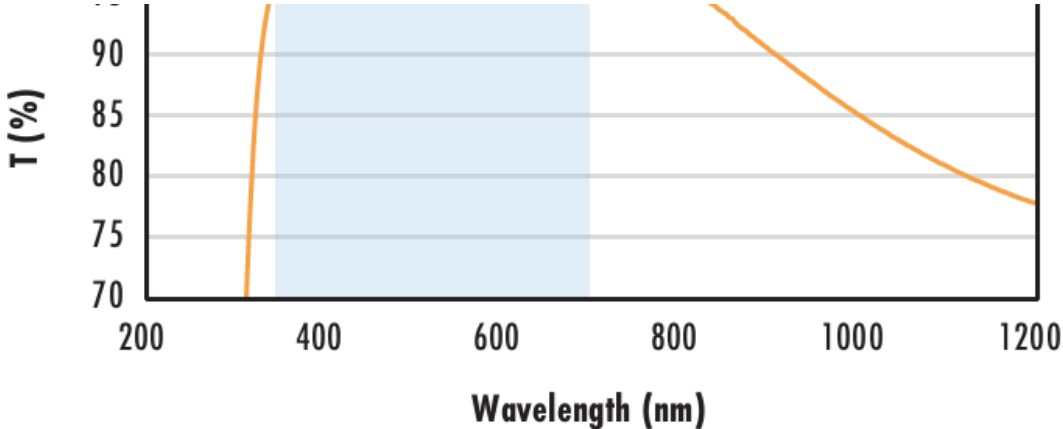
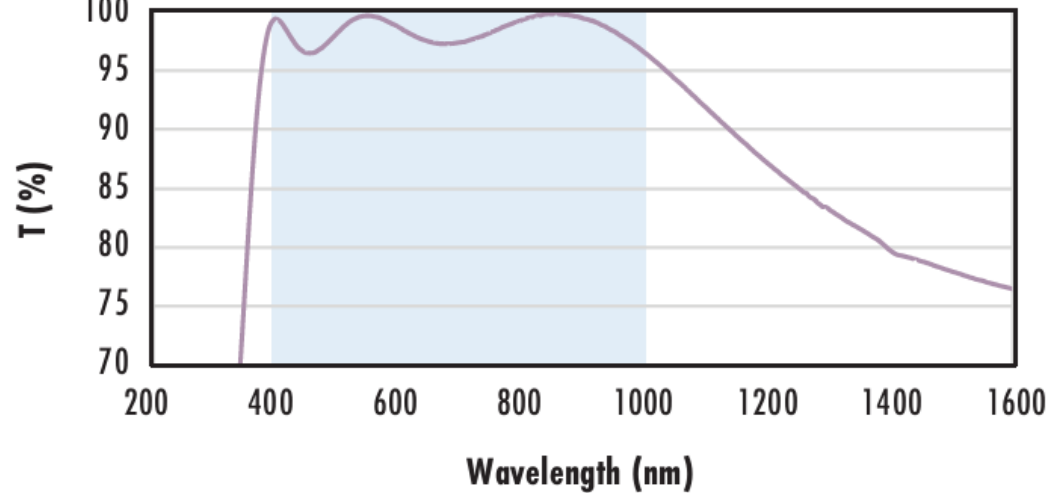
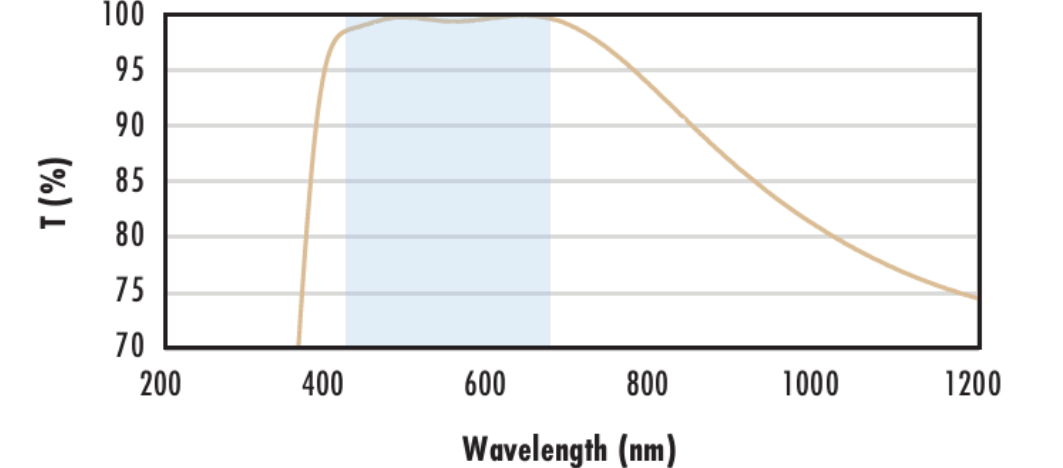
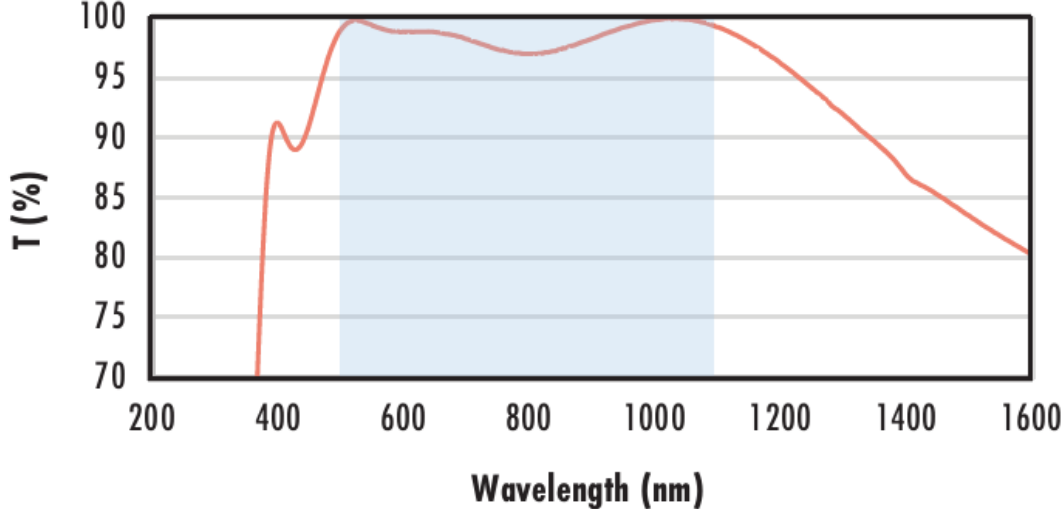
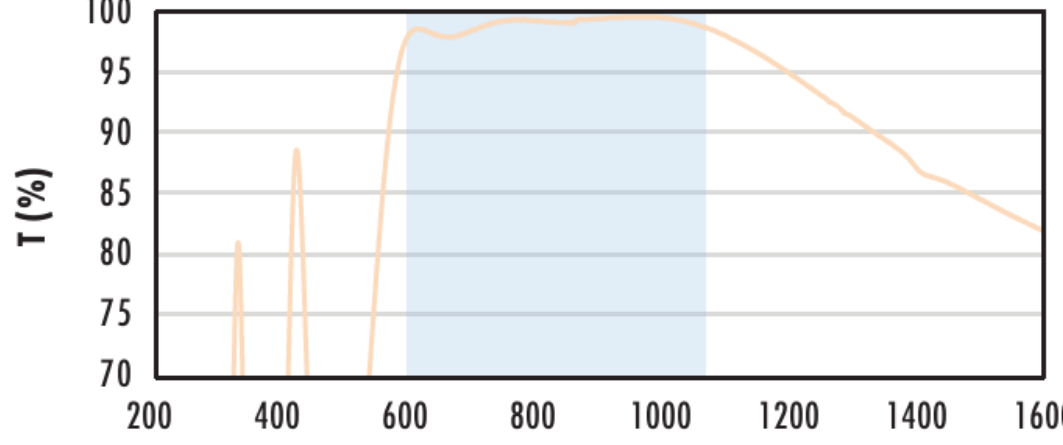
Data outside this range is not guaranteed and is for reference only.

[Click Here to Download Data](#)

**N-BK7 with VIS-EXT Coating
Typical Transmission**



Typical transmission of a 3mm thick N-BK7 window with VIS-EXT

	Typical transmission of a 3mm thick N-BK7 window with VIS-NIR (350-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\%$ @ 350 - 700nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with VIS-NIR Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with VIS-NIR (400-1000nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\%$ @ 880nm $R_{avg} \leq 1.25\%$ @ 400 - 870nm $R_{avg} \leq 1.25\%$ @ 890 - 1000nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with VIS 0° Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with VIS 0° (425-675nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.4\%$ @ 425 - 675nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with YAG-BBAR Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with YAG-BBAR (500-1100nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\%$ @ 532nm $R_{abs} \leq 0.25\%$ @ 1064nm $R_{avg} \leq 1.0\%$ @ 500 - 1100nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with NIR I Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with NIR I (600 - 1050nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\%$ @ 600 - 1050nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

