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TECHSPEC[®] 50mm Dia. x 50mm EFL, Lentille PCX Traitée YAG-BBAR



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#88-918** 15 In Stock

[D'autres traitements](#)

-

1

+

€83^{.00}

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-9	€83,00 prix unitaire
Qté 10-24	€74,50 prix unitaire
Qté 25-49	€66,50 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Plano-ConvexLens

Type:

Propriétés physiques et mécaniques

50.00 +0.0/-0.025	Diamètre (mm):
<1	Centrage (arcmin):
12.00 ±0.10	Épaisseur Centrale CT (mm):
3.00	Épaisseur au Bord ET (mm):
49	Ouverture Utile CA (mm):
Protective as needed	Biseau:

Propriétés optiques

50.00 @ 587.6nm	Distance Focale EFL (mm):
43.28	Distance Focale Arrière BFL (mm):
YAG-BBAR (500-1100nm)	Traitement:
R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm	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 (%):
39.24	Rayon R _i (mm):
1	f/#:
0.50	Ouverture Numérique NA:
532 - 1100	Gamme de Longueur d'Onde (nm):
5 J/cm² @ 532nm, 10ns	Damage Threshold, By Design: ☐

Conformité réglementaire

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

Description produit

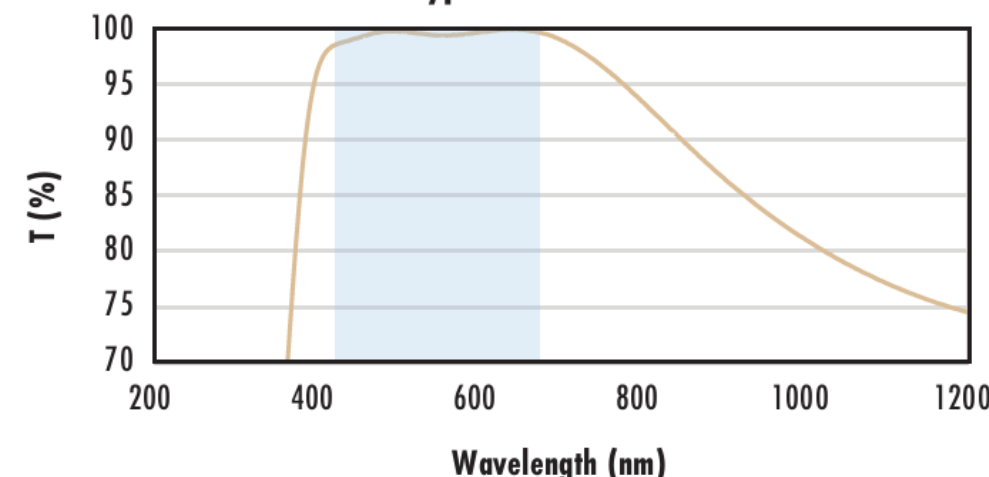
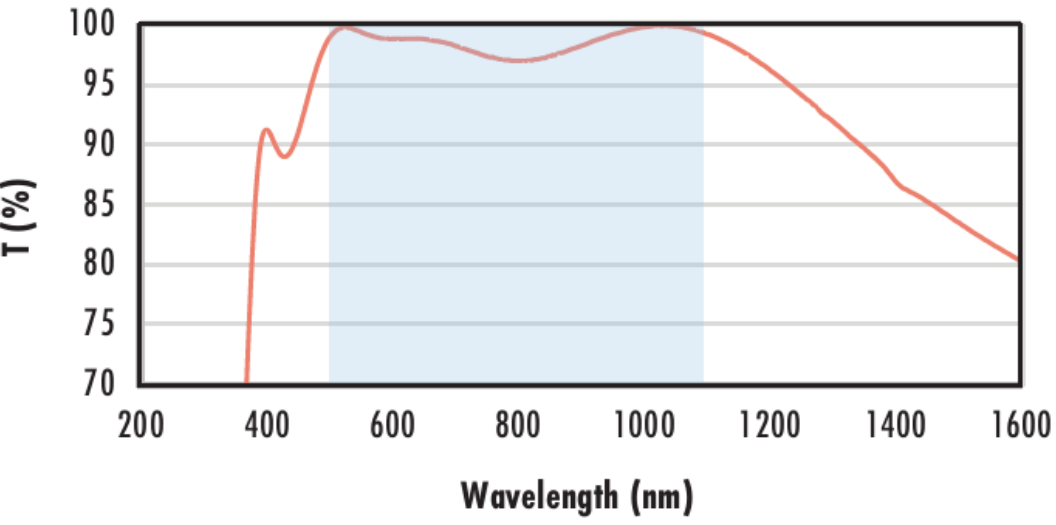
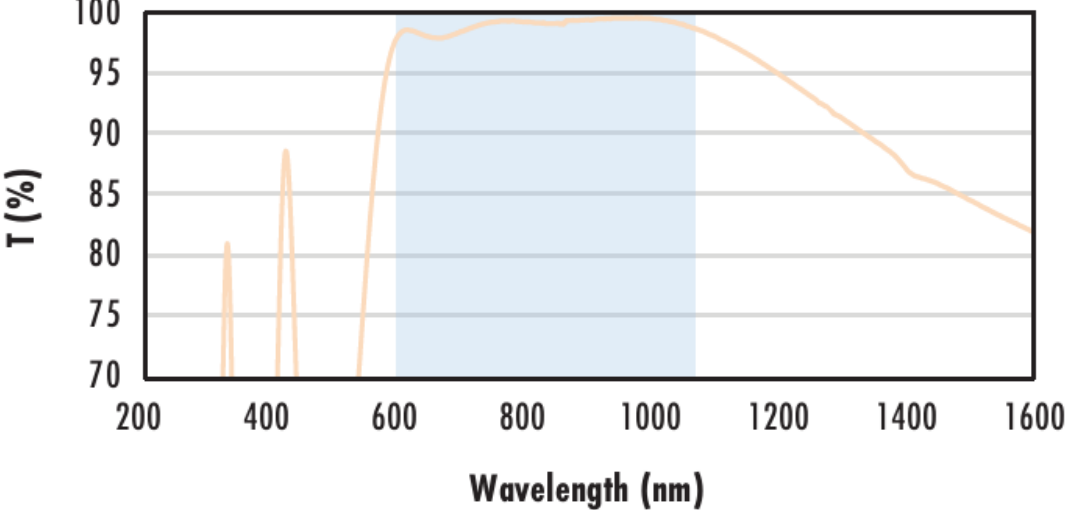
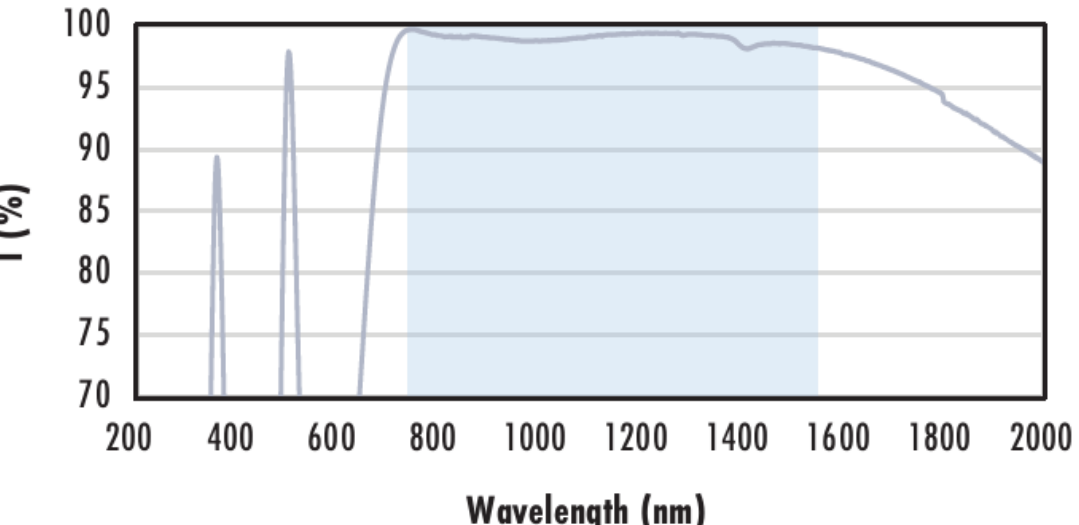
- Optimisées pour une réflexion <0,25% @532 nm et @1064 nm
- Traitées AR pour apporter une réflexion <1,0% par surface sur 500 - 1100 nm
- Conçues pour un angle d'incidence de 0°
- Diverses options de traitement : **Non Traitées**, **MgF2**, **VIS 0°**, **VIS-NIR**, **NIR I**, **NIR II** et **VIS-EXT**

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																									
Uncoated N-BK7 Typical Transmission <table border="1"><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>400</td><td>92</td></tr><tr><td>600</td><td>92</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>92</td></tr></tbody></table>	Wavelength (nm)	Transmission T (%)	200	70	400	92	600	92	800	92	1000	92	1200	92	1400	92	1600	92	1800	92	2000	92	2200	92	Typical transmission of a 3mm thick, uncoated N-BK7 window across the UV - NIR spectra. Click Here to Download Data
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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: $R_{avg} \leq 0.4\% @ 425 - 675\text{nm}$ 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: $R_{abs} \leq 0.25\% @ 532\text{nm}$ $R_{abs} \leq 0.25\% @ 1064\text{nm}$ $R_{avg} \leq 1.0\% @ 500 - 1100\text{nm}$ 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: $R_{avg} \leq 0.5\% @ 600 - 1050\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with NIR II Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with NIR II (750 - 1550nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.5\% @ 750 - 800\text{nm}$ $R_{abs} \leq 1.0\% @ 800 - 1550\text{nm}$ $R_{avg} \leq 0.7\% @ 750 - 1550\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

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.

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Montures compatibles
