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TECHSPEC® 12mm Dia. x -35mm EFL, Traité UV-AR, Lentille DCV - UV



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#48-060** [CONTACT](#)

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1

+

€160^{.00}

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-5	€160,00 prix unitaire
Qté 6-25	€128,00 prix unitaire
Qté 26-49	€121,00 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Type:

Double-Concave Lens

Remarque:

Max. Flat Annulus is 0.3mm

Propriétés physiques et mécaniques	
12.00 +0.0/-0.025	Diamètre (mm):
2.00	Épaisseur Centrale CT (mm):
±0.05	Tolérance Épaisseur Centrale (mm):
<1	Centrage (arcmin):
11.0	Ouverture Utile CA (mm):
3.01	Épaisseur au Bord ET (mm):

Propriétés optiques	
-35.00	Distance Focale EFL (mm):
Fused Silica (Corning 7980)	Substrat: ☐
2.92	f/#:
0.17	Ouverture Numérique NA:
UV-AR (250-425nm)	Traitement:
250 - 425	Gamme de Longueur d'Onde (nm):
-35.68	Distance Focale Arrière BFL (mm):
R _{abs} ≤1.0% @ 250 - 425nm R _{avg} ≤0.75% @ 250 - 425nm R _{avg} ≤0.5% @ 370 - 420nm	Spécification du Traitement:
587.6	Longueur d'Onde à la Focale Donnée (nm):
±2	Tolérance Distance Focale (%):
-32.40	Rayon R ₁ =R ₂ (mm):
40-20	Qualité de Surface:
3 J/cm² @ 355nm, 10ns	Damage Threshold, Reference: ☐
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:

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

Description produit

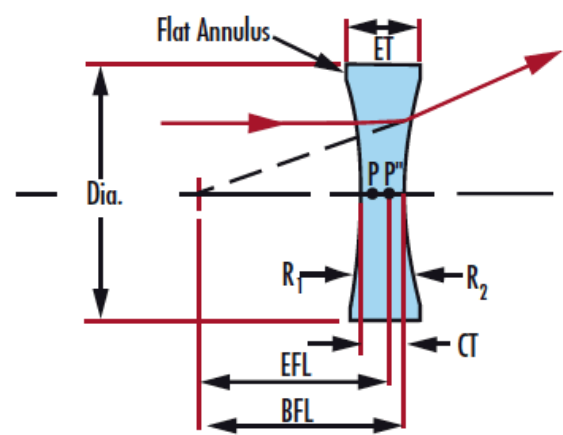
- Distances focales négatives pour les applications d'expansion de faisceau ou de projection de lumière
- Gamme de longueurs d'onde de 200 à 2200 nm
- Option de traitement AR UV-populaire disponible

Les Lentilles Biconcaves en Silice Fondue UV (DCV) TECHSPEC® sont fabriquées à l'aide d'un équipement CNC à la pointe de la technologie. La précision de la surface et la performance de ces optiques est garantie grâce à l'interféromètre GPI-XP de Zygo. Les lentilles de qualité UV sont fabriquées avec précision en utilisant de la silice fondue synthétique de qualité recherche. En plus d'offrir une excellente transmission et de fonctionner à hautes températures, les Lentilles Biconcaves en Silice Fondue UV (DCV) TECHSPEC® bénéficient également d'une inclusion et d'une pureté chimique exceptionnelles. Ces lentilles sont idéales pour de nombreuses applications lasers et d'imagerie, particulièrement celles utilisant des longueurs d'ondes dans l'UV. Un traitement antireflets à large bande est disponible, optimisant la transmission dans le spectre UV.

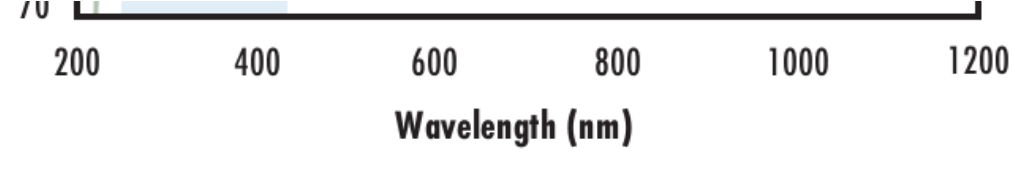
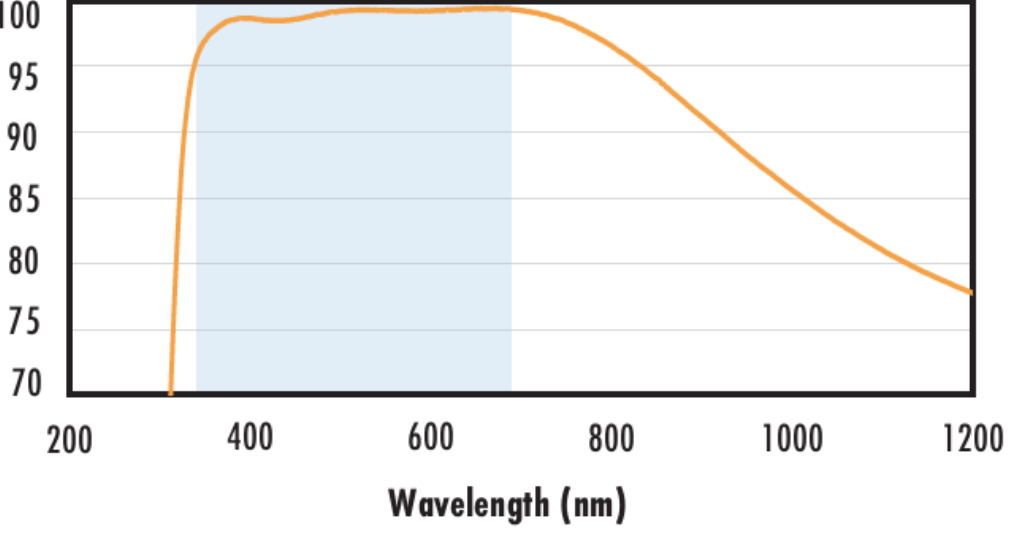
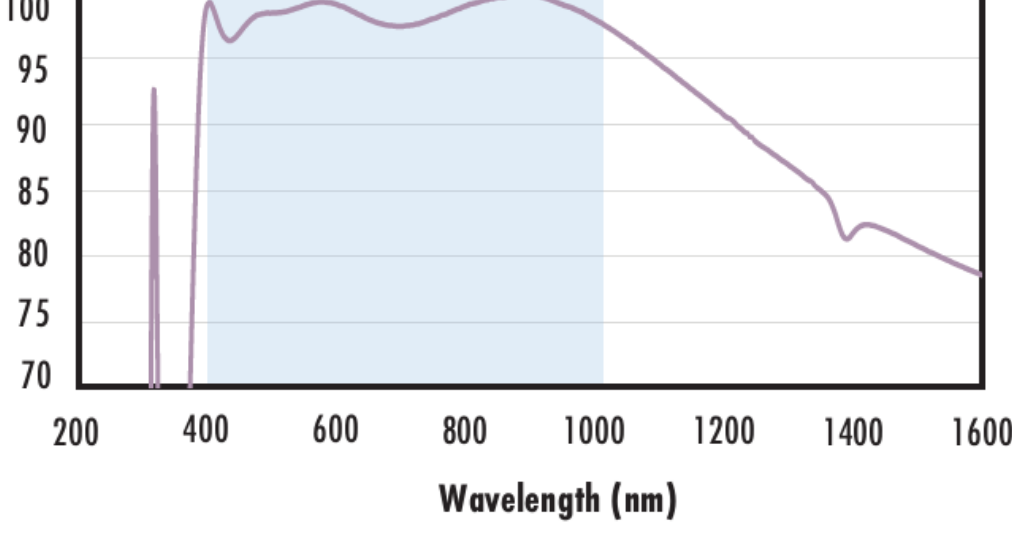
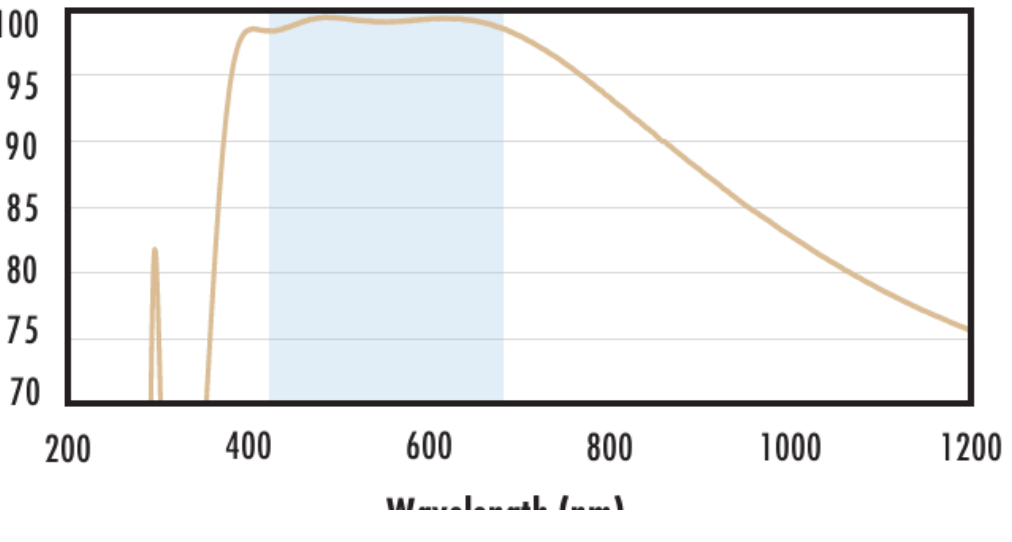
Informations techniques



UV FS Transmission Curve



FUSED SILICA		
Uncoated Fused Silica Typical Transmission	Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra. Click Here to Download Data	
Fused Silica with MgF₂ Coating Typical Transmission	Typical transmission of a 3mm thick fused silica 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	
Fused Silica with UV-AR Coating Typical Transmission	Typical transmission of a 3mm thick fused silica window with UV-AR (250-425nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.75\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.5\% @ 370 - 420\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data	

	
Fused Silica with UV-VIS Coating Typical Transmission 	Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% \text{ @ } 350 - 450\text{nm}$$R_{avg} \leq 1.5\% \text{ @ } 250 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS-EXT Coating Typical Transmission 	Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\% \text{ @ } 350 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS-NIR Coating Typical Transmission 	Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\% \text{ @ } 880\text{nm}$$R_{avg} \leq 1.25\% \text{ @ } 400 - 870\text{nm}$$R_{avg} \leq 1.25\% \text{ @ } 890 - 1000\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS 0° Coating Typical Transmission 	Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.4\% \text{ @ } 425 - 675\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

