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TECHSPEC®

25mm Dia. x 60mm EFL, Traité VIS-NIR, Lentille DCX UV



UV Fused Silica Double-Convex (DCX) Lenses



Stock #63-839 12 In Stock

[D'autres traitements](#)

-

1

+

€165<sup>.00</sup>

AJOUTER AU PANIER

| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-5           | €165,00 prix unitaire            |
| Qté 6-25          | €132,00 prix unitaire            |
| Qté 26-49         | €124,00 prix unitaire            |
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Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Double-Convex Lens

Type:

Propriétés physiques et mécaniques

|                      |                             |
|----------------------|-----------------------------|
| 25.00 +0.0/-0.025    | Diamètre (mm):              |
| <1                   | Centrage (arcmin):          |
| Protective as needed | Biseau:                     |
| 5.52 ±0.10           | Épaisseur Centrale CT (mm): |
| 2.59                 | Épaisseur au Bord ET (mm):  |
| 24.00                | Ouverture Utile CA (mm):    |

Propriétés optiques

|                                                                                                                    |                                            |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 58.08                                                                                                              | Distance Focale Arrière BFL (mm):          |
| 60.00                                                                                                              | Distance Focale EFL (mm):                  |
| VIS-NIR (400-1000nm)                                                                                               | Traitement:                                |
| R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm | Spécification du Traitement:               |
| Fused Silica (Corning 7980)                                                                                        | Substrat: □                                |
| 40-20                                                                                                              | Qualité de Surface:                        |
| 1.5λ                                                                                                               | Power (P-V) @ 632.8nm:                     |
| λ/4                                                                                                                | Irregularity (P-V) @ 632.8nm:              |
| 54.14                                                                                                              | Rayon R <sub>1</sub> =R <sub>2</sub> (mm): |
| 2.4                                                                                                                | f/#:                                       |
| 587.6                                                                                                              | Longueur d'Onde à la Focale Donnée (nm):   |
| ±1                                                                                                                 | Tolérance Distance Focale (%):             |
| 0.21                                                                                                               | Ouverture Numérique NA:                    |
| 400 - 1000                                                                                                         | Gamme de Longueur d'Onde (nm):             |
| 5 J/cm² @ 532nm, 10ns                                                                                              | Damage Threshold, Reference: □             |

Conformité réglementaire

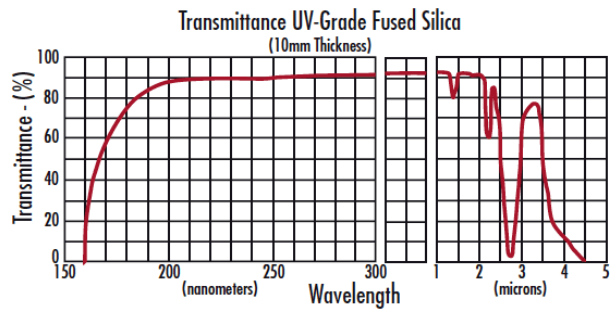
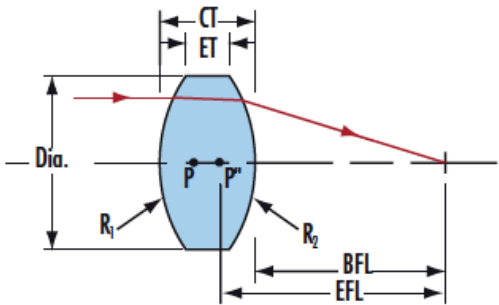
|           |                             |
|-----------|-----------------------------|
| Conforme  | RoHS 2015:                  |
| Visionner | Certificate of Conformance: |
| Conforme  | Reach 235:                  |

Description produit

- Parfaites pour les applications d'imagerie
- Minimisent les aberrations sphériques et la coma
- Substrat de précision en silice fondue

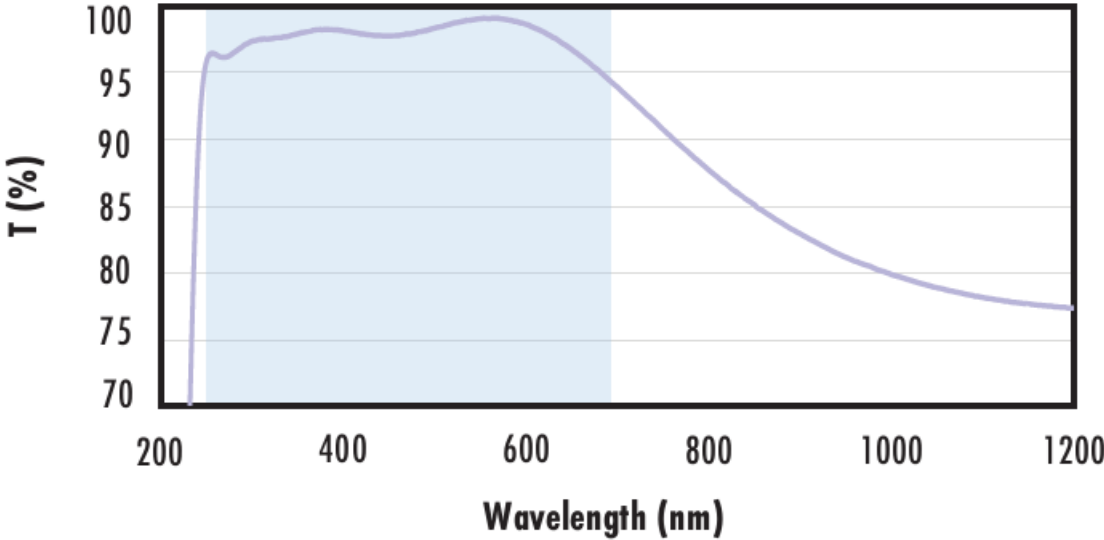
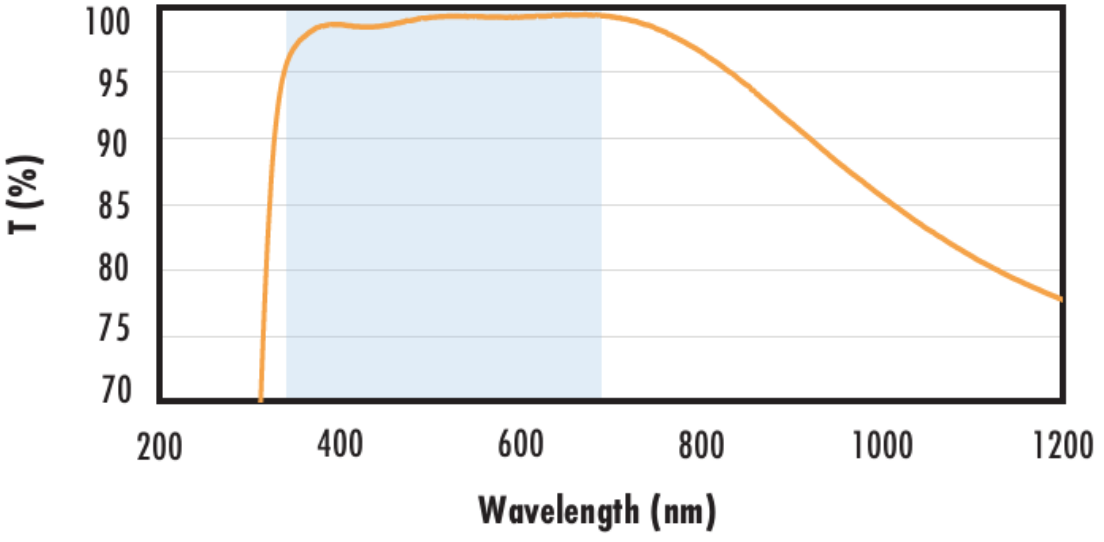
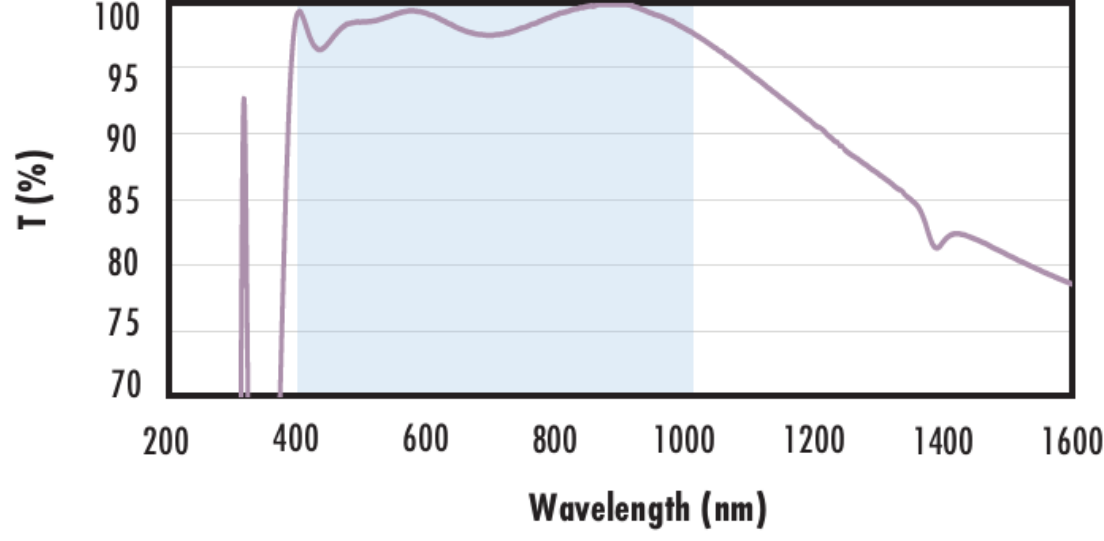
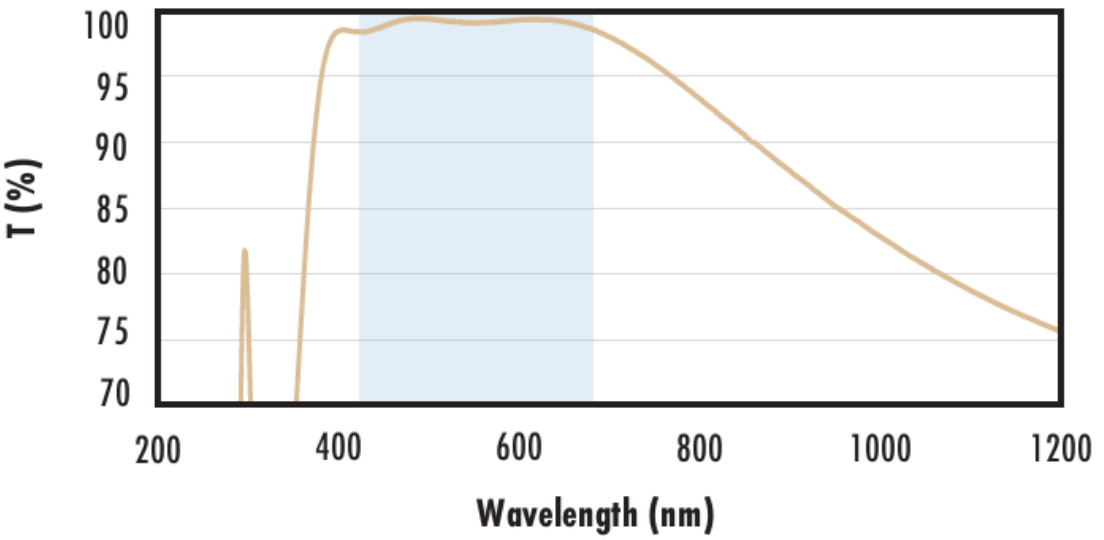
Les Lentilles Biconvexes (DCX) en Silice Fondue UV TECHSPEC®, également appelées lentilles double-convexes (DCX), ont deux faces positives et symétriques avec des rayons égaux des deux côtés. Ces lentilles sont généralement recommandées pour les applications d'imagerie finie avec un rapport conjugué (rapport entre la distance de l'objet et la distance de l'image) compris entre 0,2 et 5. Avec un rapport de conjugaison de 1, les aberrations telles que l'aberration sphérique, l'aberration chromatique, la coma et la distorsion sont minimisées ou annulées grâce à la conception symétrique de la lentille. Les Lentilles Biconvexes (DCX) en Silice Fondue UV TECHSPEC® ont un substrat de précision en silice fondue. Ces lentilles sont disponibles sans traitement ou avec des traitements UV-AR, UV-VIS, VIS-EXT, VIS-NIR, VIS 0°, NIR I, ou NIR II.

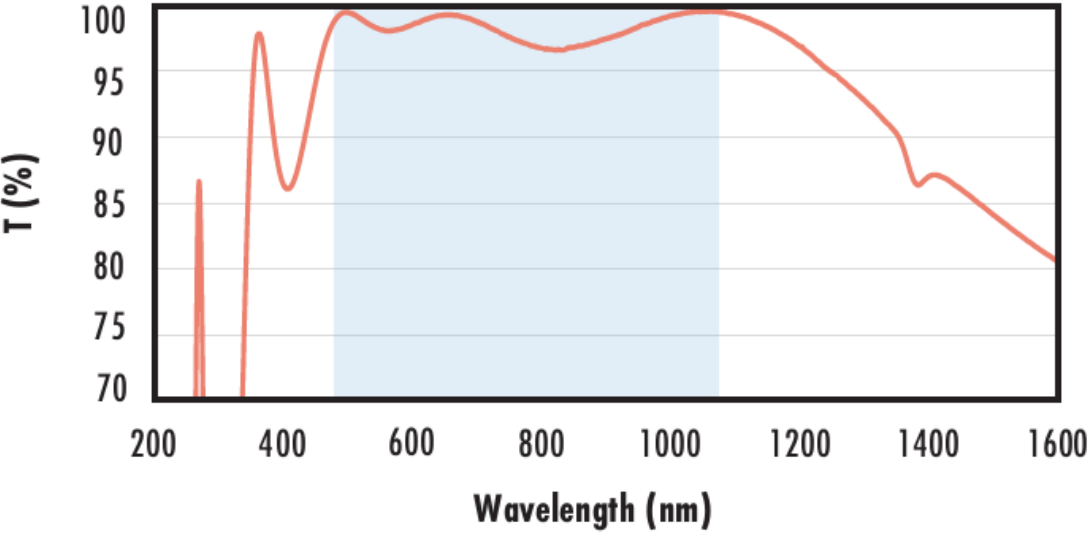
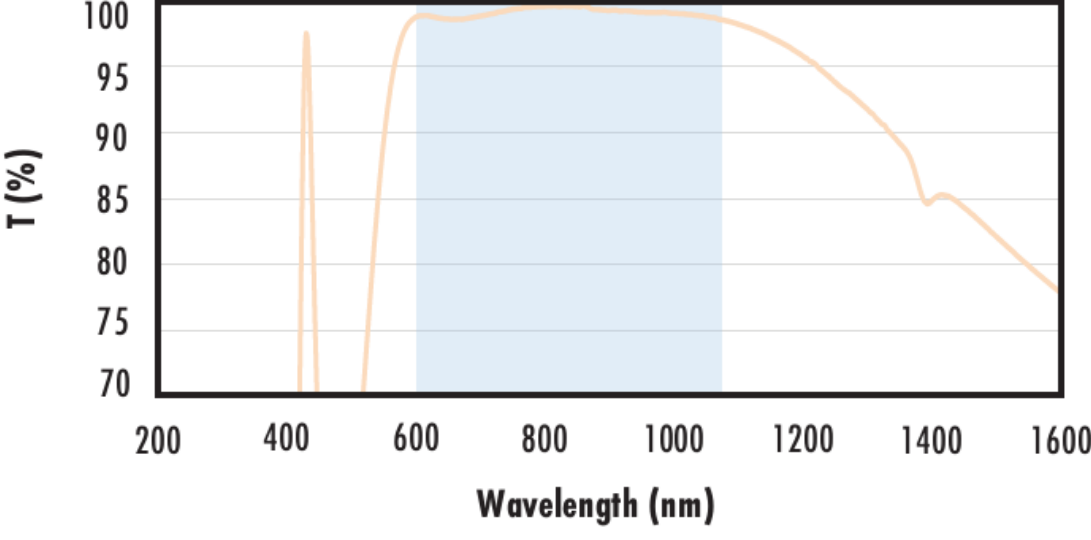
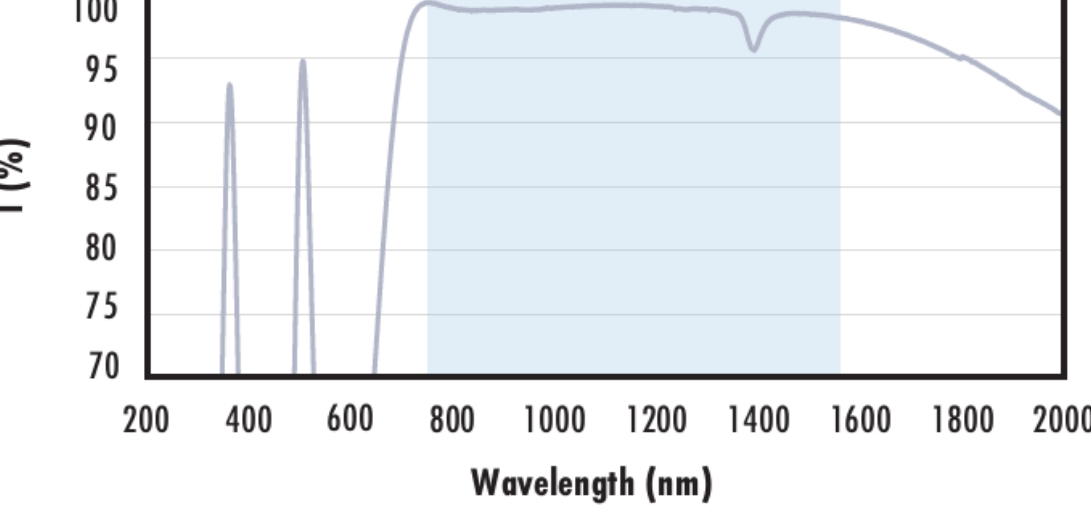
Informations techniques



UV FS Transmission Curve

| FUSED SILICA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-----|----|-----|----|-----|----|-----|----|------|-----|------|-----|------|----|------|----|------|----|------|----|------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----|------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Uncoated Fused Silica<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for Uncoated Fused Silica Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>92</td></tr><tr><td>400</td><td>94</td></tr><tr><td>600</td><td>94</td></tr><tr><td>800</td><td>94</td></tr><tr><td>1000</td><td>94</td></tr><tr><td>1200</td><td>94</td></tr><tr><td>1400</td><td>92</td></tr><tr><td>1600</td><td>94</td></tr><tr><td>1800</td><td>94</td></tr><tr><td>2000</td><td>94</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table></div></div>                                                                                                                   | Wavelength (nm)    | Transmission T (%) | 200 | 92 | 400 | 94 | 600 | 94 | 800 | 94 | 1000 | 94  | 1200 | 94  | 1400 | 92 | 1600 | 94 | 1800 | 94 | 2000 | 94 | 2200 | 90 | <div><p>Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra.</p><p><a href="#">Click Here to Download Data</a></p></div>                                                                                                                                                                                                                                                                           |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 92                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 92                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 90                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <div><div>Fused Silica with MgF<sub>2</sub> Coating<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with MgF2 Coating Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>94</td></tr><tr><td>400</td><td>96</td></tr><tr><td>600</td><td>96</td></tr><tr><td>800</td><td>95</td></tr><tr><td>1000</td><td>95</td></tr><tr><td>1200</td><td>95</td></tr><tr><td>1400</td><td>93</td></tr><tr><td>1600</td><td>95</td></tr><tr><td>1800</td><td>95</td></tr><tr><td>2000</td><td>95</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table></div></div>                                                                                      | Wavelength (nm)    | Transmission T (%) | 200 | 94 | 400 | 96 | 600 | 96 | 800 | 95 | 1000 | 95  | 1200 | 95  | 1400 | 93 | 1600 | 95 | 1800 | 95 | 2000 | 95 | 2200 | 90 | <div><p>Typical transmission of a 3mm thick fused silica window with MgF<sub>2</sub> (400-700nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><p><math>R_{avg} \leq 1.75\% @ 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></div> |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 94                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 96                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 96                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 93                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 95                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 90                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <div><div>Fused Silica with UV-AR Coating<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with UV-AR Coating Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>250</td><td>99</td></tr><tr><td>300</td><td>99</td></tr><tr><td>350</td><td>99</td></tr><tr><td>400</td><td>100</td></tr><tr><td>425</td><td>100</td></tr><tr><td>500</td><td>98</td></tr><tr><td>600</td><td>90</td></tr><tr><td>700</td><td>80</td></tr><tr><td>800</td><td>75</td></tr><tr><td>900</td><td>75</td></tr><tr><td>1000</td><td>75</td></tr><tr><td>1100</td><td>76</td></tr><tr><td>1200</td><td>77</td></tr></tbody></table></div></div> | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 250 | 99 | 300 | 99 | 350 | 99 | 400  | 100 | 425  | 100 | 500  | 98 | 600  | 90 | 700  | 80 | 800  | 75 | 900  | 75 | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                         | 75 | 1100 | 76 | 1200 | 77 | <div><p>Typical transmission of a 3mm thick fused silica window with UV-AR (250-425nm) 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 1.0\% @ 250 - 425\text{nm}</math><br/><math>R_{avg} \leq 0.75\% @ 250 - 425\text{nm}</math><br/><math>R_{avg} \leq 0.5\% @ 370 - 420\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></div> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 70                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 99                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 99                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 99                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100                |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100                |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 98                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 90                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 75                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 75                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 76                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 77                 |                    |     |    |     |    |     |    |     |    |      |     |      |     |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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

|                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><h3>Typical Transmission</h3></div>                                        | <div><p>Typical transmission of a 3mm thick fused silica 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><div><div><math>R_{abs} \leq 0.25\%</math> @ 532nm</div><div><math>R_{abs} \leq 0.25\%</math> @ 1064nm</div><div><math>R_{avg} \leq 1.0\%</math> @ 500 - 1100nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div>           |
| <div><h3>Fused Silica with NIR I Coating<br/>Typical Transmission</h3></div>   | <div><p>Typical transmission of a 3mm thick fused silica 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><div><math>R_{avg} \leq 0.5\%</math> @ 600 - 1050nm</div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div>                                                                                                                              |
| <div><h3>Fused Silica with NIR II Coating<br/>Typical Transmission</h3></div> | <div><p>Typical transmission of a 3mm thick fused silica 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><div><div><math>R_{abs} \leq 1.5\%</math> @ 750 - 800nm</div><div><math>R_{abs} \leq 1.0\%</math> @ 800 - 1550nm</div><div><math>R_{avg} \leq 0.7\%</math> @ 750 - 1550nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |

## Coating Curves

### Sur mesure

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