

TECHSPEC<sup>®</sup>

Doppelkonvexe Linse aus UV-Quarzglas, 25 mm D. x 500 mm eff. BW, VIS-0°-beschichtet



UV Fused Silica Double-Convex (DCX) Lenses



Produkt **#48-992** **6 In Stock**

[Andere Beschichtungen](#)

-

1

+

€156<sup>00</sup>

+ WARENKORB

| Mengenrabatte |                                 |
|---------------|---------------------------------|
| Stk. 1-5      | €156,00 stückpreis              |
| Stk. 6-25     | €125,00 stückpreis              |
| Stk. 26-49    | €117,00 stückpreis              |
| Need More?    | <a href="#">Angebotsanfrage</a> |

Preise exklusiv der geltenden Mehrwertsteuer und Abgaben

Downloadbereich

| Produktdetails     |      |
|--------------------|------|
| Double-Convex Lens | Typ: |
|                    |      |
|                    |      |

| Physikalische und mechanische Eigenschaften         |                                             |
|-----------------------------------------------------|---------------------------------------------|
| Durchmesser (mm):                                   | 25.00 +0.0/-0.025                           |
| Zentrierung (Bogenminuten):                         | <1                                          |
| Fase:                                               | Protective as needed                        |
| Mittendicke CT (mm):                                | 3.35 ±0.10                                  |
| Randdicke ET (mm):                                  | 3.01                                        |
| Freie Apertur CA (mm):                              | 24.00                                       |
| Optische Eigenschaften                              |                                             |
| Hintere Brennweite BFL (mm):                        | 498.85                                      |
| Effektive Brennweite EFL (mm):                      | 500.00                                      |
| Beschichtung:                                       | VS 0° (425-675nm)                           |
| Beschichtungsspezifikation:                         | R <sub>avg</sub> ≤0.4% @ 425 - 675nm        |
| Substrat: <input type="checkbox"/>                  | <a href="#">Fused Silica</a> (Corning 7980) |
| Oberflächenqualität:                                | 40-20                                       |
| Power (P-V) @ 632,8 nm:                             | 1.5λ                                        |
| Unregelmäßigkeit (P-V) @ 632,8 nm:                  | λ/4                                         |
| Radius R <sub>1</sub> =R <sub>2</sub> (mm):         | 457.93                                      |
| Blende:                                             | 20.00                                       |
| Designwellenlänge Brennweite (nm):                  | 587.6                                       |
| Toleranz Brennweite (%):                            | ±1                                          |
| Numerische Apertur NA:                              | 0.03                                        |
| Wellenlängenbereich (nm):                           | 425 - 675                                   |
| Zerstörschwelle, Referenz: <input type="checkbox"/> | 5 J/cm² @ 532nm, 10ns                       |
| Konformität mit Standards                           |                                             |
| RoHS 2015:                                          | <a href="#">Konform</a>                     |
| Konformitätszertifikat:                             | <a href="#">Anzeigen</a>                    |
| Reach 235:                                          | <a href="#">Konform</a>                     |

## Produktdetails

- Ideal für die Bildgebung
- Minimieren Aberrationen wie sphärische Aberration oder Koma
- Präzises Substrat aus Quarzglas

Die TECHSPEC® doppelkonvexen Linsen (DCX-Linsen) aus UV-Quarzglas, auch bikonvexe Linsen genannt, haben zwei positive, symmetrische Oberflächen mit gleichem Krümmungsradius auf beiden Seiten. Die Linsen werden generell für Bildgebungen mit endlichem Abstand und Konjugiertenverhältnis (Verhältnis zwischen Objekt- und Bildweite) zwischen 0,2 und 5 empfohlen. Bei einem Konjugiertenverhältnis von 1 sind Aberrationen wie sphärische Aberration, chromatische Aberration, Koma und Verzeichnung aufgrund des symmetrischen Linsendesigns minimiert oder sogar ganz eliminiert.

## Technische Informationen



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</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 MgF2 Coated Fused Silica</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>96</td></tr><tr><td>1000</td><td>96</td></tr><tr><td>1200</td><td>96</td></tr><tr><td>1400</td><td>94</td></tr><tr><td>1600</td><td>96</td></tr><tr><td>1800</td><td>96</td></tr><tr><td>2000</td><td>96</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 | 96 | 1000 | 96 | 1200 | 96 | 1400 | 94 | 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 96 | 1800 | 96 | 2000 | 96 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 94                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 90                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <div><div>Fused Silica with UV-AR Coating<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for UV-AR Coated Fused Silica</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>100</td></tr><tr><td>400</td><td>100</td></tr><tr><td>600</td><td>90</td></tr><tr><td>800</td><td>78</td></tr><tr><td>1000</td><td>76</td></tr><tr><td>1200</td><td>76</td></tr></tbody></table></div></div>                                                                                                                                             | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 250 | 100 | 400 | 100 | 600 | 90 | 800  | 78 | 1000 | 76 | 1200 | 76 | <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100                |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100                |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 90                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 78                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 76                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 76                 |                    |     |    |     |     |     |     |     |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="247 127 1285 765"><h3>Fused Silica with UV-VIS Coating<br/>Typical Transmission</h3></div>      | <div data-bbox="1325 290 1850 593"><p>Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><p><math>R_{abs} \leq 1.0\%</math> @ 350 - 450nm<br/><math>R_{avg} \leq 1.5\%</math> @ 250 - 700nm</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>                                                     |
| <div data-bbox="247 819 1285 1433"><h3>Fused Silica with VIS-EXT Coating<br/>Typical Transmission</h3></div>   | <div data-bbox="1325 994 1850 1249"><p>Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><p><math>R_{avg} \leq 0.5\%</math> @ 350 - 700nm</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>                                                                                                     |
| <div data-bbox="247 1492 1285 2107"><h3>Fused Silica with VIS-NIR Coating<br/>Typical Transmission</h3></div> | <div data-bbox="1325 1632 1850 1955"><p>Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><p><math>R_{abs} \leq 0.25\%</math> @ 880nm<br/><math>R_{avg} \leq 1.25\%</math> @ 400 - 870nm<br/><math>R_{avg} \leq 1.25\%</math> @ 890 - 1000nm</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> |
| <div data-bbox="247 2163 1285 2778"><h3>Fused Silica with VIS 0° Coating<br/>Typical Transmission</h3></div>  | <div data-bbox="1325 2338 1850 2594"><p>Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><p><math>R_{avg} \leq 0.4\%</math> @ 425 - 675nm</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>                                                                                                     |
| <div data-bbox="247 2828 1285 2881"><h3>Fused Silica with YAG-BBAR Coating</h3></div>                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Typical Transmission</div></div>                                              | <div>Typical transmission of a 3mm thick fused silica window with YAG-BBAR (500-1100nm) 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{ @ } 532\text{nm}</math><math>R_{abs} \leq 0.25\% \text{ @ } 1064\text{nm}</math><math>R_{avg} \leq 1.0\% \text{ @ } 500 - 1100\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 NIR I Coating</div><div>Typical Transmission</div></div>   | <div>Typical transmission of a 3mm thick fused silica window with NIR I (600 - 1050nm) 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{ @ } 600 - 1050\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 NIR II Coating</div><div>Typical Transmission</div></div> | <div>Typical transmission of a 3mm thick fused silica window with NIR II (750 - 1550nm) 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 1.5\% \text{ @ } 750 - 800\text{nm}</math><math>R_{abs} \leq 1.0\% \text{ @ } 800 - 1550\text{nm}</math><math>R_{avg} \leq 0.7\% \text{ @ } 750 - 1550\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> |

## Beschichtungskurven

### Kundenspezifische Produkte

Edmund Optics bietet einen umfangreichen kundenspezifischen Fertigungsservice für Optik- und Bildverarbeitungskomponenten an, speziell hergestellt für Ihre Anwendungsanforderungen. Wir ermöglichen flexible Lösungen für Ihre Bedürfnisse – von der Prototypenphase bis zur Serienfertigung. Unsere erfahrenen IngenieurInnen freuen sich auf die Zusammenarbeit und unterstützen Sie bei jedem Projektschritt.

Unser Service beinhaltet:

- Kundenspezifische Abmessungen, Materialien und mehr
- Hochpräzise Oberflächenqualität und -ebenheit
- Enge Toleranzen und komplexe Formen
- Skalierbare Produktion – vom Prototypen zur Serie

Erfahren Sie mehr über unsere [kundenspezifischen Fertigungsmöglichkeiten](#) oder senden Sie [hier](#) eine Anfrage.

## Kompatible Halterungen