

TECHSPEC[®]

Plankonvexe (PCX) Zylinderlinse für Laseranwendungen, 12,7 x 12,7 mm x 25 mm BW, unbeschichtet



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Produkt **#13-469** 20+ In Stock

-

1

+

€115^{,00}

+ WARENKORB

Mengenrabatte	
Stk. 1-5	€115,00 stückpreis
Stk. 6+	€103,00 stückpreis
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Preise exklusiv der geltenden Mehrwertsteuer und Abgaben

Downloadbereich

Produktdetails

Cylinder Lens, Plano-Convex

Typ:

Physikalische und mechanische Eigenschaften

Protective as needed

Fase:

3.00	Mittendicke CT (mm):
±0.1	Toleranz Mittendicke (mm):
11.43 x 11.43	Freie Apertur CA (mm):
+0.0/-0.025	Toleranz Größe (mm):
12.7 x 12.7	Größe (mm):
1.08	Randdicke ET (mm):
<3	Achsenverdrehung (arcmin):

Optische Eigenschaften

25.00	Effektive Brennweite EFL (mm):
Fused Silica (Corning 7980)	Substrat: ☐
2	Blende:
0.25	Numerische Apertur NA:
Uncoated	Beschichtung:
200 - 2200	Wellenlängenbereich (nm):
22.94	Hintere Brennweite BFL (mm):
587.6	Designwellenlänge Brennweite (nm):
11.46	Radius R ₁ (mm):
20-10	Oberflächenqualität:
1.5λ	Power (P-V) @ 632,8 nm:
λ/4	Unregelmäßigkeit (P-V) @ 632,8 nm:
<3	Keilwinkel plane Achse (arcmin):
<4.5	Keilwinkel gekrümmte Achse (arcmin):

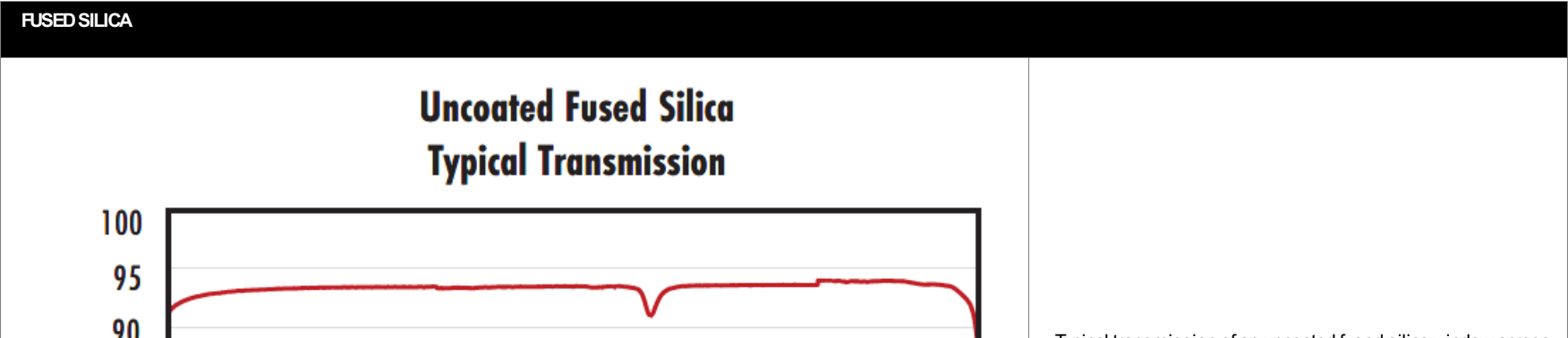
Konformität mit Standards

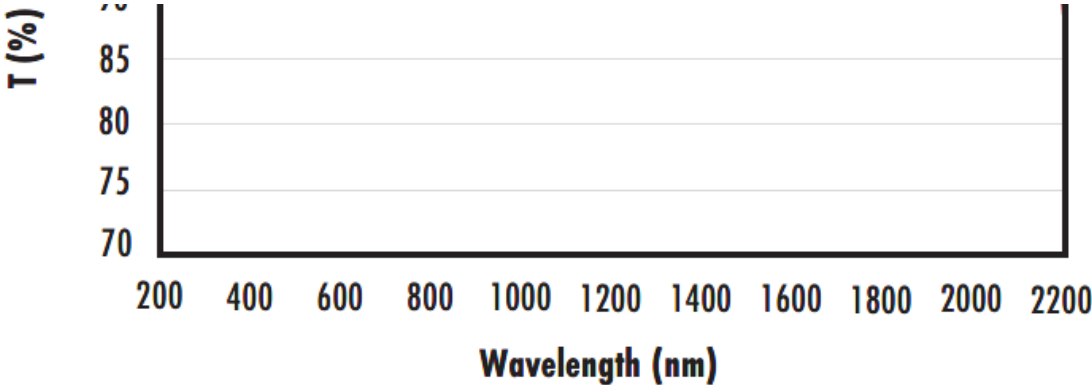
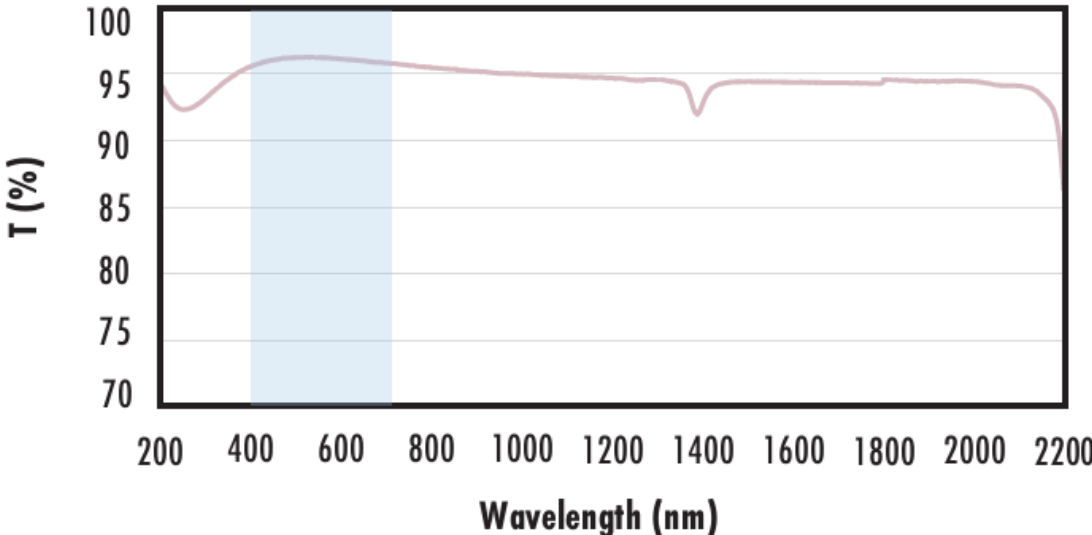
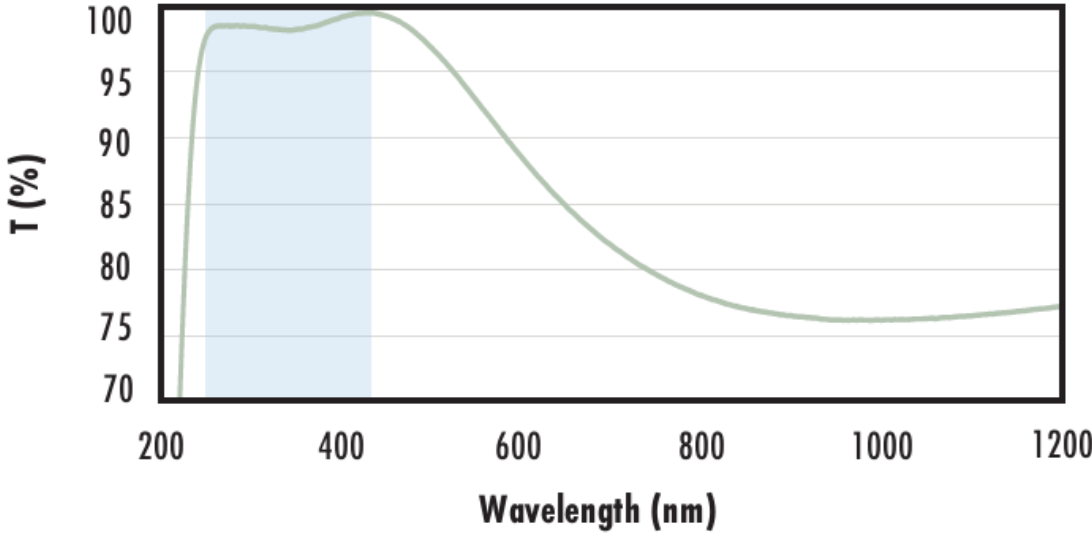
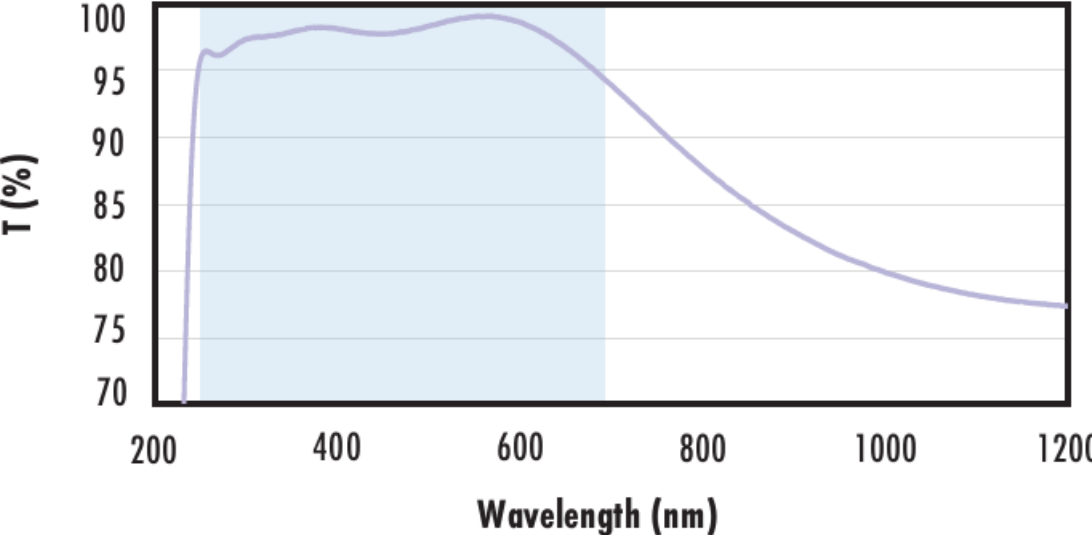
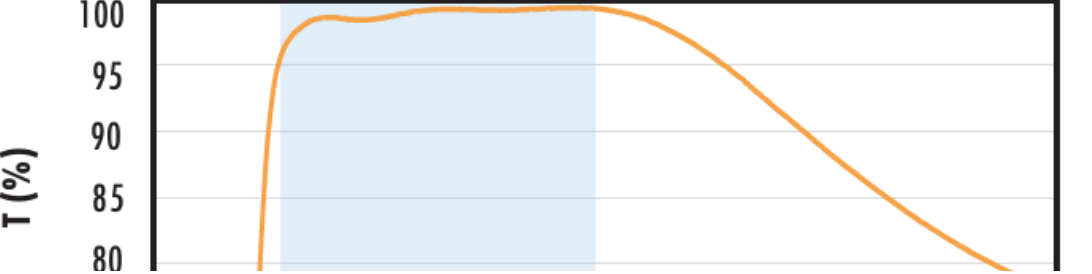
Anzeigen	Konformitätszertifikat:
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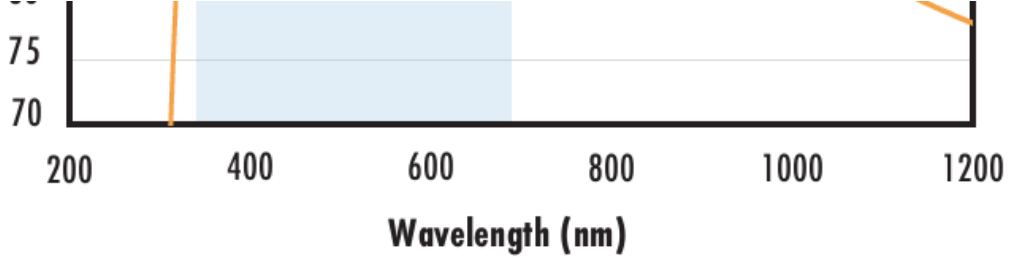
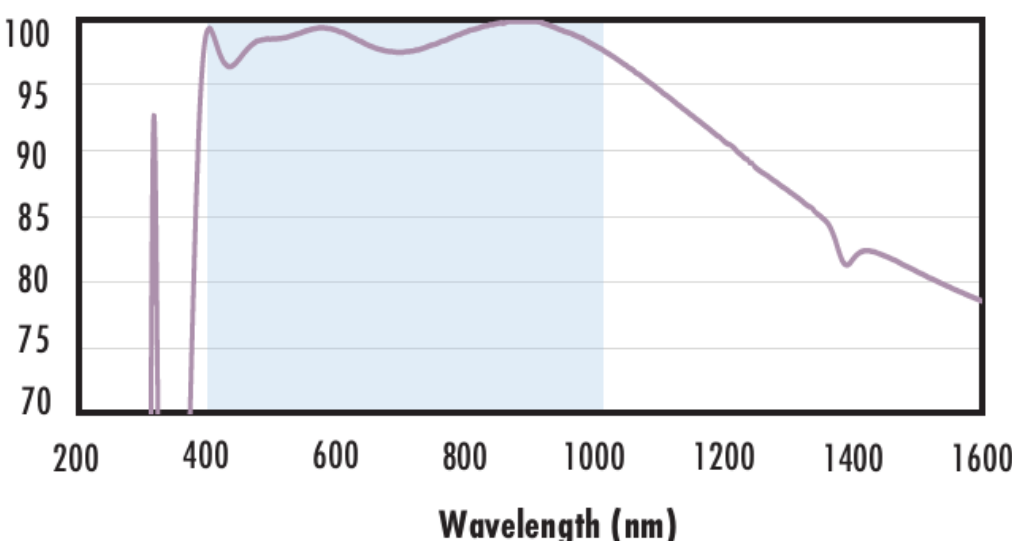
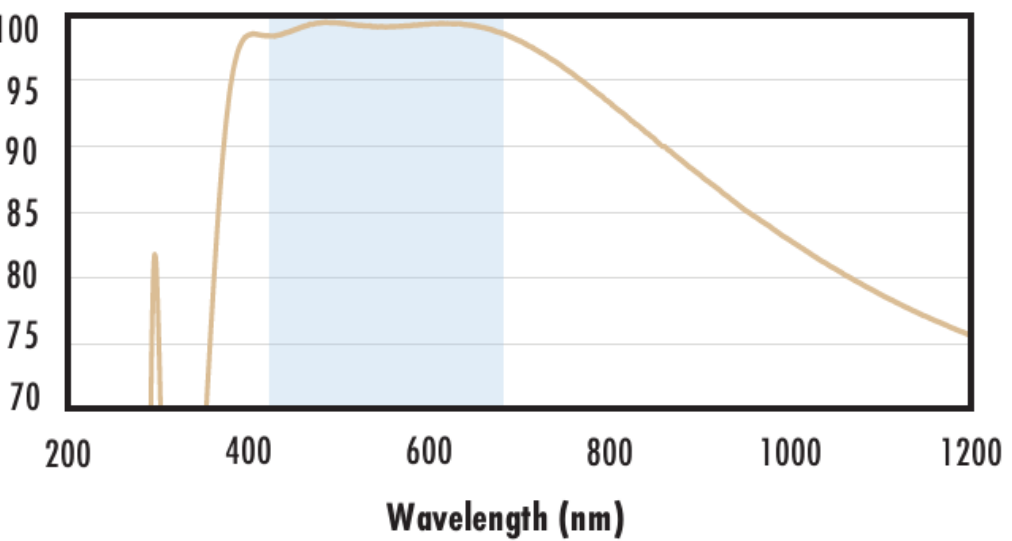
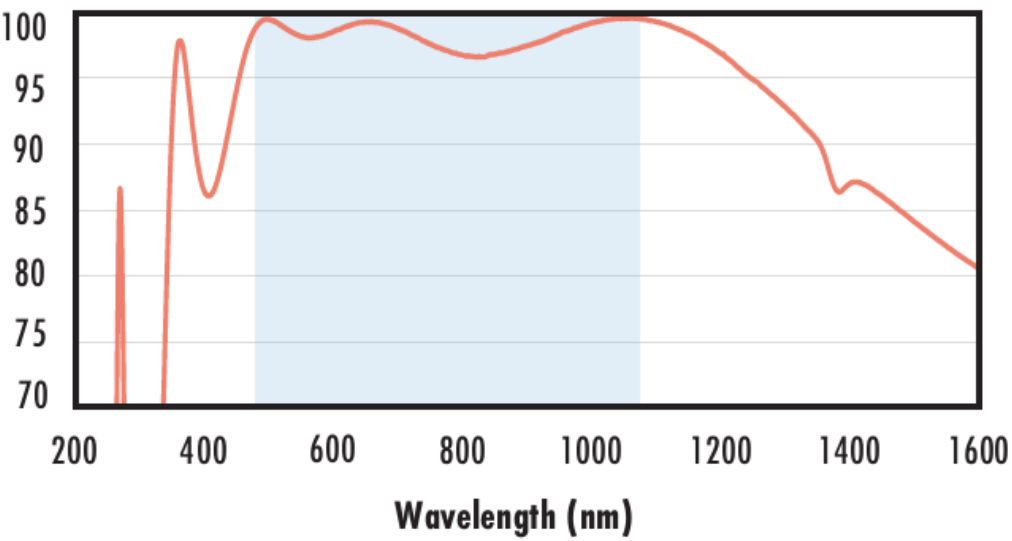
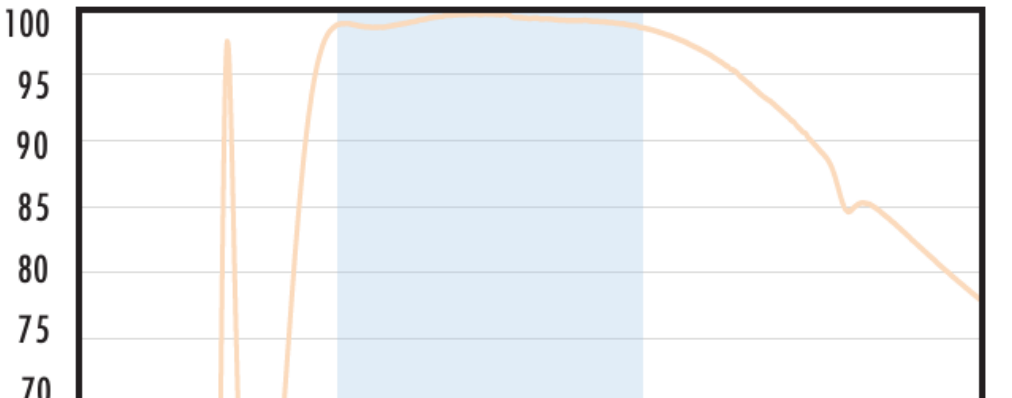
Produktdetails

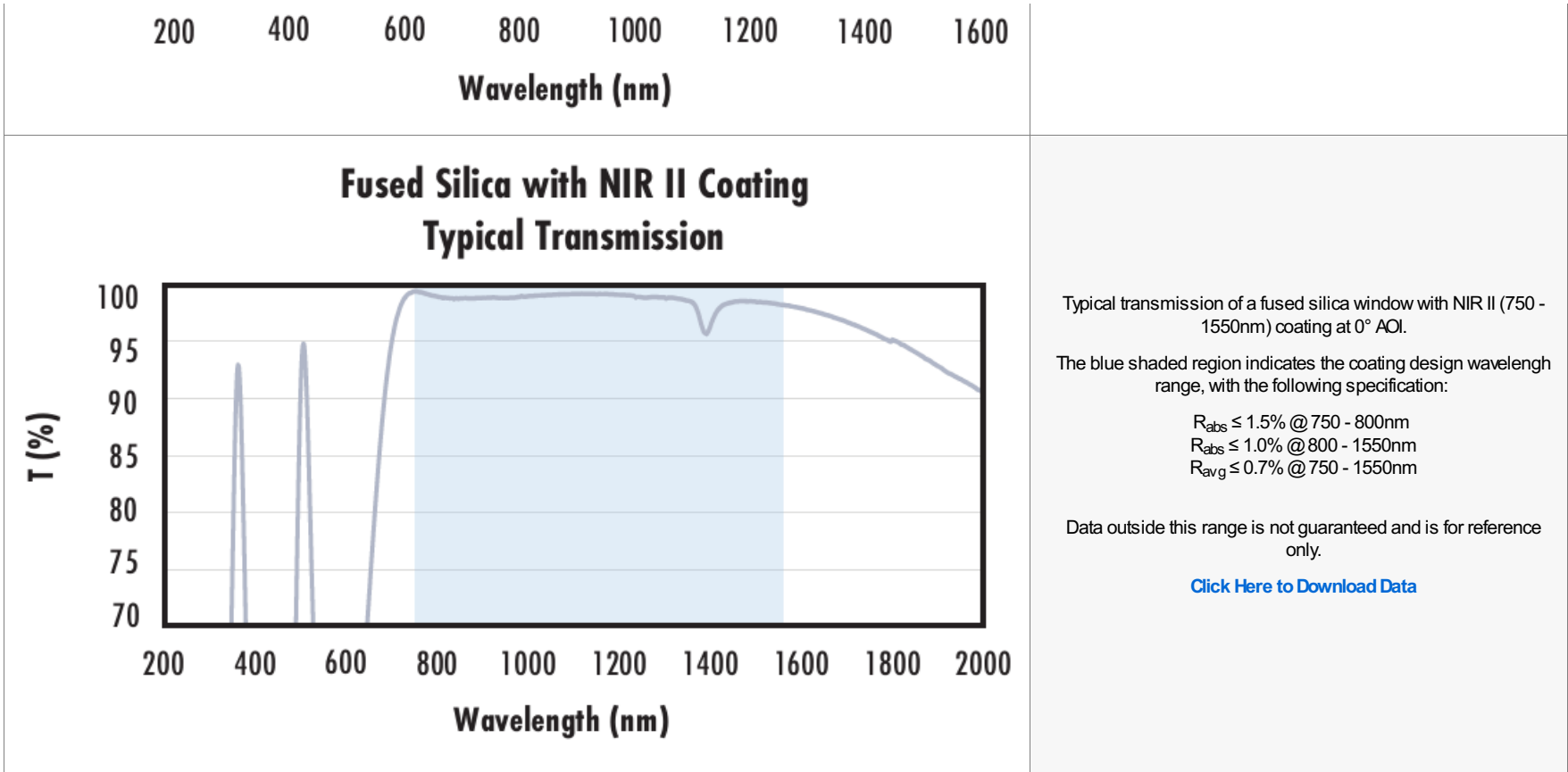
- Sehr gute Eigenschaften vom UV- bis zum IR-Spektrum
 - Quarzglassubstrat
 - Optische Oberflächenqualität für Laser geeignet
- TECHSPEC® Breitbandige Zylinderlinsen für Laseranwendungen zeichnen sich durch präzise Spezifikationen für die anspruchsvollsten Anwendungen aus. Diese Linsen bestehen aus hochwertigem optischem Quarzglas und sind mit einer Oberflächenqualität von 20-10 bestens für Laseranwendungen geeignet. Vorteil unserer TECHSPEC® breitbandigen Zylinderlinsen sind die engen Keilwinkeltoleranzen, die typischerweise bei allen Maßen unter 3 Bogenminuten liegen. Die Integration und Montage dieser Linsen wird durch die quadratische Form erleichtert.

Technische Informationen



	typical transmission of an uncoated fused silica window across the UV - NIR spectra. Click Here to Download Data
Fused Silica with MgF₂ Coating Typical Transmission 	Typical transmission of a fused silica window with MgF2 (400-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 1.75\% @ 400 - 700\text{nm}$ (N-BK7) Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with UV-AR Coating Typical Transmission 	Typical transmission of a fused silica window with UV-AR (250-425nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.75\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.5\% @ 370 - 420\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with UV-VIS Coating Typical Transmission 	Typical transmission of a fused silica window with UV-VIS (250-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% @ 350 - 450\text{nm}$ $R_{avg} \leq 1.5\% @ 250 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS-EXT Coating Typical Transmission 	Typical transmission of a fused silica window with VIS-EXT (350-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\% @ 350 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only.

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



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.

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