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TECHSPEC® 9mm Dia. x 13.5mm, UV-VIS Coated, UV Double-Convex Lens



UV Fused Silica Double-Convex (DCX) Lenses



Stock #49-258 3-4 DAYS

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1



€138,00

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Qty 1-5

€138,00

Qty 6+

€110,50

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Diameter (mm):  
9.00 +0.0/-0.025

|                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Back Focal Length BFL (mm):</b><br>12.32                                                                                                                                                       |
| <b>Effective Focal Length EFL (mm):</b><br>13.50                                                                                                                                                  |
| <b>Coating:</b><br>UV-VIS (250-700nm)                                                                                                                                                             |
| <b>Coating Specification:</b><br>R <sub>abs</sub> ≤1.0% @ 350 - 450nm<br>R <sub>avg</sub> ≤1.5% @ 250 - 700nm                                                                                     |
| <b>Substrate:</b> <br><a href="#">Fused Silica</a> (Corning 7980)                                                |
| <b>Surface Quality:</b><br>40-20                                                                                                                                                                  |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                                                                                             |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                                                                                       |
| <b>Centering (arcmin):</b><br><1                                                                                                                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                                                                       |
| <b>Center Thickness CT (mm):</b><br>3.30 ±0.05                                                                                                                                                    |
| <b>Edge Thickness ET (mm):</b><br>1.52                                                                                                                                                            |
| <b>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</b><br>11.84                                                                                                                                          |
| <b>Clear Aperture CA (mm):</b><br>8.1                                                                                                                                                             |
| <b>f/#:</b><br>1.5                                                                                                                                                                                |
| <b>Focal Length Specification Wavelength (nm):</b><br>587.6                                                                                                                                       |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                                                                          |
| <b>Numerical Aperture NA:</b><br>0.33                                                                                                                                                             |
| <b>Type:</b><br>Double-Convex Lens                                                                                                                                                                |
| <b>Wavelength Range (nm):</b><br>250 - 700                                                                                                                                                        |
| <b>Damage Threshold, Reference:</b> <br>3 J/cm <sup>2</sup> @ 355nm, 10ns<br>5 J/cm <sup>2</sup> @ 532nm, 10ns |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |