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SUBMIT

TECHSPEC® 35.0mm Dia., 1mm Thick, Uncoated, Sapphire window



Stock #48-920 3-4 DAYS



1



€210,00

ADD TO CART

Qty 1-24

€210,00

Qty 25+

€168,00

Volume Pricing

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Prices shown are exclusive of VAT/local taxes

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Abbe Number ( $v_d$ ):  
72.24

Axis Orientation:  
Random

Bevel:  
Protective as needed

|                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Birefringence (<math>n_o</math>-<math>n_e</math>):</div><div>0.008 for Visible Light Orthogonal to Optical Axis</div></div> |
| <div><div>Clear Aperture (%):</div><div>≥90</div></div>                                                                               |
| <div><div>Clear Aperture CA (mm):</div><div>31.50</div></div>                                                                         |
| <div><div>Diameter (mm):</div><div>35.00 ±0.25</div></div>                                                                            |
| <div><div>Thickness (mm):</div><div>1.00 ±0.10</div></div>                                                                            |
| <div><div>Coating:</div><div>Uncoated</div></div>                                                                                     |
| <div><div>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</div><div>8.8</div></div>                                        |
| <div><div>Density (g/cm³):</div><div>3.97</div></div>                                                                                 |
| <div><div>Edges:</div><div>Fine Ground</div></div>                                                                                    |
| <div><div>Index of Refraction <math>n_d</math>:</div><div>1.77</div></div>                                                            |
| <div><div>Knoop Hardness (kg/mm²):</div><div>1900</div></div>                                                                         |
| <div><div>Parallelism (arcmin):</div><div>≤3.5</div></div>                                                                            |
| <div><div>Poisson's Ratio:</div><div>0.27</div></div>                                                                                 |
| <div><div>Substrate:</div><div>Sapphire (Al<sub>2</sub>O<sub>3</sub>)</div></div>                                                     |
| <div><div>Surface Flatness (P-V):</div><div>2λ (typical)</div></div>                                                                  |
| <div><div>Surface Quality:</div><div>80-50</div></div>                                                                                |
| <div><div>Type:</div><div>Protective Window</div></div>                                                                               |
| <div><div>Wavelength Range (nm):</div><div>330 - 5500</div></div>                                                                     |
| <div><div>Young's Modulus (GPa):</div><div>435</div></div>                                                                            |

## Regulatory Compliance

|                                                                  |
|------------------------------------------------------------------|
| <div><div>RoHS 2015:</div><div>Compliant</div></div>             |
| <div><div>Certificate of Conformance:</div><div>View</div></div> |
| <div><div>Reach 240:</div><div>Compliant</div></div>             |