

**TECHSPEC® 5mm Dia., 0.5mm Thick, Uncoated, Sapphire Window**



Stock #17-218 3-4 DAYS

⊖ 1 ⊕ **€32,50**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-24                      |
| €32,50                        |
| Qty 25+                       |
| €26,00                        |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Abbe Number (v<sub>d</sub>):  
72.24

Axis Orientation:  
Random

Bevel:  
Protective as needed

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| <b>Birefringence (<math>n_o - n_e</math>):</b><br>0.008 for Visible Light Orthogonal to Optical Axis |
| <b>Clear Aperture (%)</b> :<br>≥90                                                                   |
| <b>Diameter (mm)</b> :<br>5.00 ±0.05                                                                 |
| <b>Thickness (mm)</b> :<br>0.50 ±0.05                                                                |
| <b>Coating</b> :<br>Uncoated                                                                         |
| <b>Coefficient of Thermal Expansion CTE (<math>10^{-6}/^{\circ}\text{C}</math>):</b><br>8.8          |
| <b>Density (<math>\text{g}/\text{cm}^3</math>):</b><br>3.97                                          |
| <b>Edges</b> :<br>Fine Ground                                                                        |
| <b>Index of Refraction <math>n_d</math>:</b><br>1.77                                                 |
| <b>Knoop Hardness (<math>\text{kg}/\text{mm}^2</math>):</b><br>1900                                  |
| <b>Parallelism (arcmin)</b> :<br>≤3.5                                                                |
| <b>Poisson's Ratio</b> :<br>0.27                                                                     |
| <b>Substrate</b> :<br>Sapphire ( $\text{Al}_2\text{O}_3$ )                                           |
| <b>Surface Flatness (P-V)</b> :<br>2λ (typical)                                                      |
| <b>Surface Quality</b> :<br>80-50                                                                    |
| <b>Type</b> :<br>Protective Window                                                                   |
| <b>Wavelength Range (nm)</b> :<br>330 - 5500                                                         |
| <b>Young's Modulus (GPa)</b> :<br>435                                                                |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 240:</b><br><a href="#">Compliant</a>             |