

**TECHSPEC® 50mm Dia., 3mm Thick, Uncoated, Magnesium Fluoride Window**



Magnesium Fluoride (MgF<sub>2</sub>) Windows

Stock **#64-095** 3-4 DAYS

⊖ 1 ⊕ **€697,50**

ADD TO CART

Qty 1-10

€697,50

Qty 11+

€628,00

Volume Pricing

[Request Quote](#)

⚠ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



**Abbe Number (v<sub>d</sub>):**  
106.22

**Bevel:**  
Protective as needed

**Clear Aperture (%):**  
90

|                                                                           |
|---------------------------------------------------------------------------|
| <b>Clear Aperture CA (mm):</b><br>45.00                                   |
| <b>Diameter (mm):</b><br>50.00 +0.0/-0.1                                  |
| <b>Thickness (mm):</b><br>3.00 ±0.1                                       |
| <b>Coating:</b><br>Uncoated                                               |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b><br>13.7 |
| <b>Density (g/cm³):</b><br>3.18                                           |
| <b>Edges:</b><br>Fine Ground                                              |
| <b>Index of Refraction n<sub>d</sub>:</b><br>1.377                        |
| <b>Knoop Hardness (kg/mm²):</b><br>415                                    |
| <b>Parallelism (arcmin):</b><br><1                                        |
| <b>Poisson's Ratio:</b><br>0.271                                          |
| <b>Substrate:</b><br>Magnesium Fluoride (MgF <sub>2</sub> )               |
| <b>Surface Flatness (P-V):</b><br>λ/2                                     |
| <b>Surface Quality:</b><br>40-20                                          |
| <b>Type:</b><br>Protective Window                                         |
| <b>Wavelength Range (nm):</b><br>120 - 7000                               |
| <b>Young's Modulus (GPa):</b><br>138                                      |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 219:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |