

In order to provide more accurate inventory information, please select your shipping country.

Select Your Country/Region: European Union

SUBMIT



Stock #19-508 [CONTACT US](#)



1



€1.925,00

ADD TO CART

Qty 1-24

€1.925,00

Qty 25+

€1.540,00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Abbe Number ( $v_d$ ):  
72.24

Axis Orientation:  
Random

Bevel:  
Protective as needed

**Birefringence ( $n_o$ - $n_e$ ):**  
0.008 for Visible Light Orthogonal to Optical Axis

**Clear Aperture (%)**:  
≥90

**Clear Aperture CA (mm)**:  
135.00

**Diameter (mm)**:  
150.00 ±0.10

**Thickness (mm)**:  
3.00 ±0.05

**Coating**:  
Uncoated

**Coefficient of Thermal Expansion CTE ( $10^{-6}/^{\circ}\text{C}$ ):**  
8.8

**Density ( $\text{g}/\text{cm}^3$ ):**  
3.97

**Edges**:  
Fine Ground

**Index of Refraction  $n_d$** :  
1.77

**Knoop Hardness ( $\text{kg}/\text{mm}^2$ ):**  
1900

**Parallelism (arcmin)**:  
≤3.5

**Poisson's Ratio**:  
0.27

**Substrate**:  
Sapphire ( $\text{Al}_2\text{O}_3$ )

**Surface Flatness (P-V)**:  
2 -  $4\lambda$  (typical)

**Surface Quality**:  
80-50

**Type**:  
Protective Window

**Wavelength Range (nm)**:  
330 - 5500

**Young's Modulus (GPa)**:  
435

Regulatory Compliance

**RoHS 2015**:  
[Compliant](#)

**Certificate of Conformance**:  
[View](#)

**Reach 240**:  
[Compliant](#)