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SUBMIT



High DurabilityAnti-Reflection (AR) Coated Sapphire Windows

Stock #18-463 3-4 JOURS



1



€112,50

AJOUTER AU PANIER

Qté 1-10

€112,50

Qté 11+

€101,50

Prix sur Quantité

[Demande de Devis](#)

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement



Nombre d'Abbe ( $v_d$ ):  
72.24

Orientation Axiale:  
Random

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Biseau:</b><br>Protective as needed                                                                                |
| <b>Birefringence (n<sub>o</sub>-n<sub>e</sub>):</b><br>0.008 for Visible Light Orthogonal to Optical Axis             |
| <b>Ouverture Utile (%):</b><br>90                                                                                     |
| <b>Ouverture Utile CA (mm):</b><br>9.00                                                                               |
| <b>Diamètre (mm):</b><br>10.00 ±0.05                                                                                  |
| <b>Épaisseur (mm):</b><br>0.50 ±0.05                                                                                  |
| <b>Traitement:</b><br>Hardened VS-NIR (400-1100nm)                                                                    |
| <b>Spécification du Traitement:</b><br>R <sub>avg</sub> <1.5% @ 400 - 1100nm<br>R <sub>abs</sub> <2.0% @ 400 - 1100nm |
| <b>Coefficient d'Expansion Thermique CTE (10<sup>-6</sup>/°C):</b><br>8.8                                             |
| <b>Densité (g/cm³):</b><br>3.97                                                                                       |
| <b>Bords:</b><br>Fine Ground                                                                                          |
| <b>Indice de Réfraction n<sub>d</sub>:</b><br>1.77                                                                    |
| <b>Dureté de Knoop (kg/mm²):</b><br>1900                                                                              |
| <b>Parallélisme (arcmin):</b><br>≤3.5                                                                                 |
| <b>Rapport de Poisson:</b><br>0.27                                                                                    |
| <b>Substrat:</b><br>Sapphire (Al <sub>2</sub> O <sub>3</sub> )                                                        |
| <b>Planéité de Surface (P-V):</b><br>2λ (typical)                                                                     |
| <b>Qualité de Surface:</b><br>80-50                                                                                   |
| <b>Type:</b><br>Protective Window                                                                                     |
| <b>Gamme de Longueur d'Onde (nm):</b><br>400 - 1100                                                                   |
| <b>Module d'Élasticité de Young (GPa):</b><br>435                                                                     |
| <b>Coating Abrasion:</b><br>Severe, per MIL-C-675C Paragraph 4.5.10                                                   |
| <b>Coating Adhesion:</b><br>Per MIL-M-13508C Paragraph 4.4.6                                                          |
| <b>Coating Humidity:</b><br>≥24 Hours per MIL-C-675C paragraph 4.5.8                                                  |
| <b>Coating Salt Solubility:</b><br>≥24 Hours Immersion per MIL-C-675C paragraph 4.5.7                                 |
| <b>Coating Salt Spray:</b><br>≥24 Hours per MIL-C-675C paragraph 4.5.9                                                |
| <b>Coating Temperature (°F):</b><br>-80 to +160 per MIL-M-13508C Paragraph 4.4.4                                      |

Conformité réglementaire

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|-----------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Conforme</a>                        |
| <b>Certificate of Conformance:</b><br><a href="#">Visionner</a> |