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TECHSPEC® 525nm 12.5mm Dia., High Performance Longpass Filter



High Performance OD 4.0 Longpass Filters

Stock #34-295 3-4 DAYS



1



€194,00

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| Qty 1-5 |
| €194,00 |

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| Qty 6+  |
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Diameter (mm):  
12.50 +0/-0.2

Angle of Incidence (°):  
0

Optical Density OD (Average):  
≥4.0

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cut-On Wavelength (nm):</b><br>325.00                                                                                                                                            |
| <b>Substrate:</b> <a href="#">Fused Silica</a> (Corning 7980)                                                                                                                       |
| <b>Coating:</b><br>Hard Coated                                                                                                                                                      |
| <b>Rejection Wavelength (nm):</b><br>200 - 315                                                                                                                                      |
| <b>Surface Quality:</b><br>60-40                                                                                                                                                    |
| <b>Thickness (mm):</b><br>1.50                                                                                                                                                      |
| <b>Thickness Tolerance (mm):</b><br>±0.1                                                                                                                                            |
| <b>Transmission (%):</b><br>>91                                                                                                                                                     |
| <b>Transmission Wavelength (nm):</b><br>333 - 1600                                                                                                                                  |
| <b>Type:</b><br>Longpass Filter                                                                                                                                                     |
| <b>Clear Aperture (%):</b><br>>80                                                                                                                                                   |
| <b>Transmitted Wavefront, RMS:</b><br>≤λ/4 @ 633nm (prior to coating)                                                                                                               |
| <b>Cut-On Tolerance (%):</b><br>±1                                                                                                                                                  |
| <b>Slope Factor (%):</b><br>2.00                                                                                                                                                    |
| <b>Environmental Durability:</b><br>Humidity per MIL-STD-810H, Section 507.6<br>Temperature per MIL-STD-810H, Section 501.7 and 502.7                                               |
| <b>Physical Durability:</b><br>Adhesion per MIL-PRF-13830B, Section C.4.5.12<br>Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11<br>Cleaning per MIL-C-48497A Section 4.5.4.2 |
| <b>Coating Specification:</b><br>Surface 1: Hard Dielectric Sputtered<br>Surface 2: AR Coated                                                                                       |
| <b>Wavelength Range (nm):</b><br>200 - 1600                                                                                                                                         |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |