

TECHSPEC<sup>®</sup> 45° Red Dichroic Filter Mounted in C-Mount Cube



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1

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£267.75

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Reflection (%):  
R<sub>abs</sub> = 50% @ 615nm  
R<sub>avg</sub> > 98% @ 640 - 750nm

Reflection Wavelength (nm):  
640 - 750

Surface Quality:  
60-40

Transmission (%):  
90.00

Transmission Wavelength (nm):

|                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|
| 400 - 595                                                                                                    |
| <b>Type:</b><br>Dichroic Filter                                                                              |
| <b>Extension Length (mm):</b><br>38.0                                                                        |
| <b>Wavelength Tolerance (nm):</b><br>±15                                                                     |
| <b>Dimensional Tolerance (mm):</b><br>0.25                                                                   |
| <b>Type of Optics:</b><br>45° Red Dichroic Filter                                                            |
| <b>Housing Dimension:</b><br>38.0 x 38.0 x 50.0                                                              |
| <b>Coating Specification:</b><br>Surface 1: Multi-Layer Dichroic<br>Surface 2: Single Layer MgF <sub>2</sub> |
| <b>Surface Flatness (P-V):</b><br>λ/4                                                                        |
| <b>Thread Type:</b><br>C-Mount (1" x 32 TPI)                                                                 |
| <b>Angle of Incidence (°):</b><br>45.00                                                                      |
| <b>Coating:</b><br>Traditional Coated                                                                        |
| <b>Color:</b><br>Red                                                                                         |
| <b>Cut-On Wavelength (nm):</b><br>615.00                                                                     |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a>                                          |
| <b>Filter Included:</b><br><a href="#">#49-471</a>                                                           |

## Regulatory Compliance

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