

**TECHSPEC®**

# 400 - 750nm, 25.2 x 35.6mm, Dichroic Shortpass Filter Kit (8 Filters)



Stock #15-109 [CONTACT US](#)

- 1 +

£1,109<sup>.60</sup>

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Volume Pricing	
Qty 1+	£1,109.60 each
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Prices shown are exclusive of VAT/local taxes

**Product Downloads**

Curve.pdf
 PDF Drawing.pdf

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## General

<b>Filters Included :</b> Cut-off Wavelengths: 400nm, 450nm, 500nm, 550nm, 600nm, 650nm, 700nm, 750nm	<b>Type:</b> Shortpass Filter
<b>Number of Filters:</b> 8	

## Physical & Mechanical Properties

<b>Dimensions (mm):</b> 25.2 x 35.6	<b>Length (mm):</b> 35.60
<b>Width (mm):</b> 25.20	<b>Physical Durability:</b> Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2

## Environmental & Durability Factors

<b>Environmental Durability:</b> Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7	
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## Regulatory Compliance

## Product Details

- Sharp Cut-Off Wavelength
- Broad Transmission and Reflection Ranges
- Available in a Range of Common Sizes

Our TECHSPEC® Dichroic Shortpass Filters are designed for a 45° angle of incidence. The rejected light is reflected at 90°, making these filters ideal for use in fluorescence applications or as spectral beamsplitters. The filters feature low polarization dependence, broad spectral ranges, and a precision fused silica substrate. TECHSPEC® Dichroic Shortpass Filters have a sharp cut-off wavelength and are available in a wide range of sizes for ease of system integration. These filters can be combined with TECHSPEC® Dichroic Longpass Filters to create custom bandpass filters.

**Note:** The chevron on the edge of the filter points towards surface S1 with the primary filter coating on which the light should be incident.

## Technical Information

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	400 - 750nm, 25mm Dia., Dichroic Shortpass Filter Kit (8 Filters)		#15-106	£1,109.60 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	800 - 1200nm, 25mm Dia., Dichroic Shortpass Filter Kit (9 Filters)		#15-107	£1,209.60 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	400 - 750nm, 25.2 x 35.6mm, Dichroic Shortpass Filter Kit (8 Filters)		#15-109	£1,109.60 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	800 - 1200nm, 25.2 x 35.6mm, Dichroic Shortpass Filter Kit (9 Filters)		#15-111	£1,209.60 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

**APPLICATION NOTE**

The Importance of Optical Filter Orientation...

**APPLICATION NOTE**

Custom Bandpass Filter using Shortpass an...

**VIDEO**

Optical Filters Review

**VIDEO**

Optical Filter Coatings: Comparison of Traditional a...

**PUBLISHED ARTICLE**

Selecting Color Filter Glass for Life Science Applications

**FAQ**

What type of material should I look for in a filter?



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