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Red, Green & Blue Dichroic Filter Set

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

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Red, Green, and Blue Dichroic Filter Set

1

€81^{,50}

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty | €81,50 |
| 1+ | each |
| Need More? | Request Quote |

Prices shown are exclusive of VAT/local taxes

Product Downloads



Curve:pdf



PDF Drawing:pdf



[Download All](#)

General

Filters Included : Set of **Red, Green, Blue**

Type: Dichroic Filter

Physical & Mechanical Properties

Diameter (mm): 25.00

Thickness (mm): 2.00 Nominal

Optical Properties

Substrate: [BOROFLOAT®](#)

Coating: Additive Color

Color: Multiple Colors

Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 247: **Compliant**

Product Details

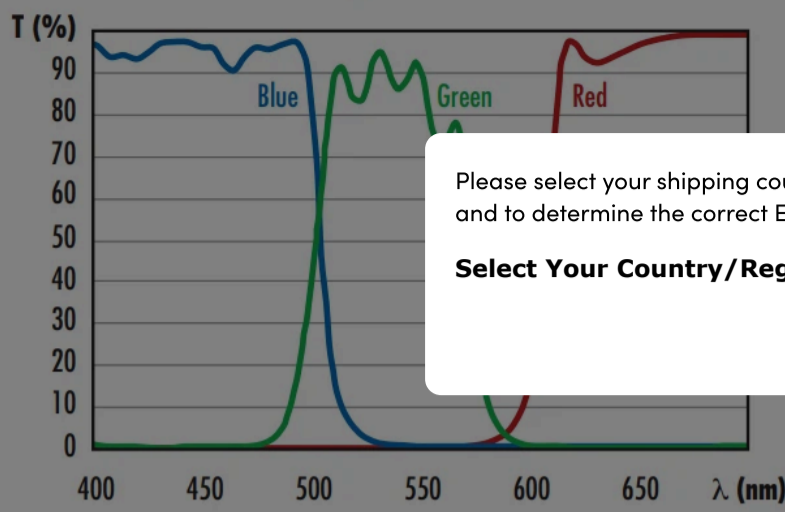
- High Saturation Dichroic Type
- Matrix of Sizes and Sets
- Precision Glass Substrate

Additive and Subtractive Dichroic Color Filters are dichroic filters ideal for machine vision and commonly used for color separation and contrast enhancement applications. Provided in unmounted versions, these filters are easily integrated into a variety of existing camera and illumination setups. In addition, dichroic filters provide wider fields of view not obtainable using narrow bandpass interference filters. Additive and Subtractive Dichroic Color Filters feature a precision glass substrate and are offered in a variety of sizes and sets. A complete set of these dichroic filters is available in a [Pre-Loaded filter wheel](#).

Typical applications include photo enlargers, beam separation, and placing filters in front of an imaging lens to selectively isolate spectral regions/colors.

Technical Information

Additive Filters Typical Transmittance Curves



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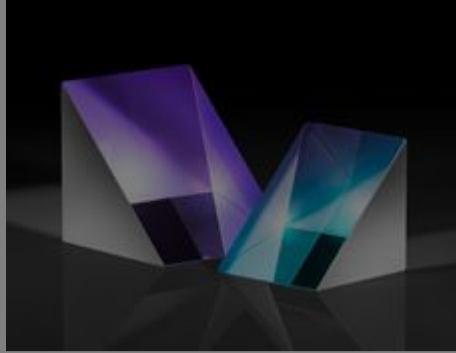
Select Your Country/Region:

Accessories

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

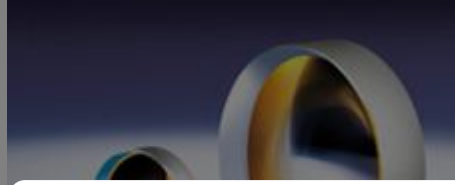
| | Title | Compare | Stock Number | Price | Buy |
|-----------------------|--|---------|--------------|---|---|
| MORE+ | Red, Green & Blue, 12.5mm Diameter, Dichroic Filter Set | | #52-545 | €68,00 Volume Pricing Request Quote | 8 In Stock <input type="text" value="1"/> |
| MORE+ | Cyan, Magenta & Yellow, 12.5mm Diameter, Dichroic Filter Set | | #52-548 | €68,00 Volume Pricing Request Quote | CONTACT US <input type="text" value="1"/> |
| MORE+ | Red, Green & Blue, 25mm Diameter, Dichroic Filter Set | | #52-546 | €81,50 Request Quote | 1 In Stock <input type="text" value="1"/> |
| MORE+ | Cyan, Magenta & Yellow, 25mm Diameter, Dichroic Filter Set | | #52-549 | €81,50 Volume Pricing Request Quote | 1 In Stock <input type="text" value="1"/> |
| MORE+ | Cyan, Magenta & Yellow, 50mm Diameter, Dichroic Filter Set | | #52-550 | €115,00 Volume Pricing Request Quote | 9 In Stock <input type="text" value="1"/> |
| MORE+ | Red, Green & Blue, 50mm Diameter, Dichroic Filter Set | | #52-547 | €115,00 Request Quote | 1 In Stock <input type="text" value="1"/> |
| MORE+ | Red, Green & Blue, 50mm Square, Dichroic Filter Set | | #46-140 | €115,00 Request Quote | CONTACT US <input type="text" value="1"/> |
| MORE+ | Cyan, Magenta & Yellow, 50mm Square, Dichroic Filter Set | | #46-141 | €115,00 Volume Pricing Request Quote | 2 In Stock <input type="text" value="1"/> |

Frequently Purchased Together



#32-536 - 50mm, Aluminum Coated, N-BK7 Right Angle Prism
€248,00

Qty



Concave Lens
€44,00

Qty



Doublet Lens
€194,00

Qty



#45-353 - 50mm Dia. x 100mm FL, MgF₂ Coated, Achromatic Doublet Lens
€194,00

Qty

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- 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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