

12.5mm Square, Green Dichroic Filter



Additive and Subtractive Dichroic Color Filters

Stock **#11-483** **6 In Stock**

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1

+

₹1,791

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Volume Pricing	
Qty 1-24	₹1,791 each
Qty 25-49	₹1,615 each
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Product Downloads

General

Dichroic Filter

Type:

Physical & Mechanical Properties

12.5 x 12.5

Dimensions (mm):

12.50

Length (mm):

Thickness (mm):

2.00 Nominal	
	Width (mm):
12.50	
	Dimensional Tolerance (mm):
±0.25	
	Clear Aperture (%):
≥85	

Optical Properties

	Angle of Incidence (°):
0	
	Cut-Off Wavelength (nm):
575.00	
	Cut-On Wavelength (nm):
505.00	
BOROFLOAT®	Substrate: ☐
	Coating:
Additive Color	
	Color:
Green	
	Surface Quality:
80-50	
	Cut-On Wavelength Tolerance (µm):
0.012	
	Coating Specification:
T _{avg} <1.0% @ 400 - 480nm, T _{avg} >80% @ 525 - 555nm, T _{avg} <1.0% @ 590 - 720nm T _{abs} <1.0% @ 425 - 455nm, T _{abs} >70% @ 530 - 550nm, T _{abs} <1.0% @ 620 - 690nm	
	Cut-Off Wavelength Tolerance (µm):
0.012	

Environmental & Durability Factors

	Operating Temperature (°C):
<100	

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
	Country of Origin:
United States	
Edmund Optics India Private Limited	Imported By:

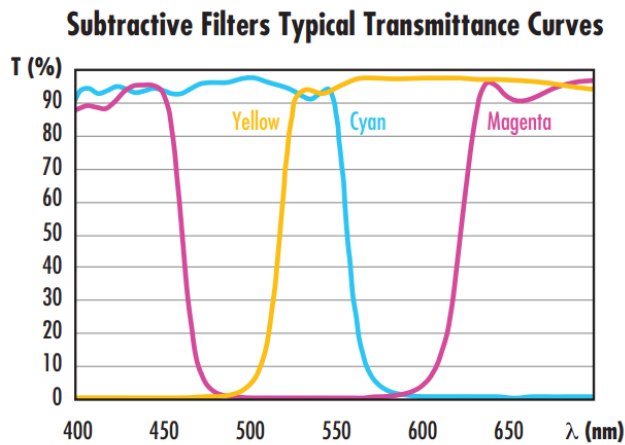
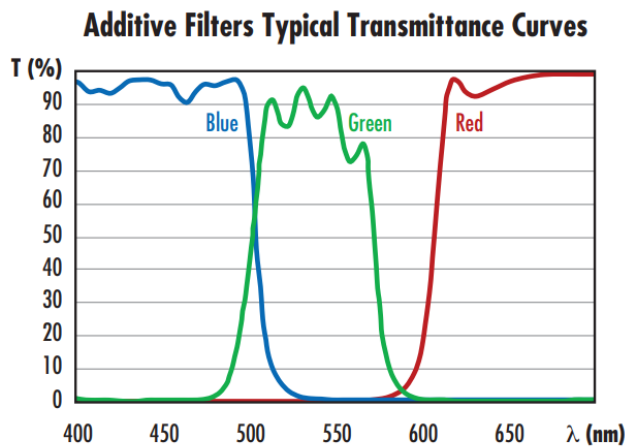
Product Details

- 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



Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Compatible Mounts