

# Mounted M25.5 x 0.5 Threaded - Green Filter



Stock #46-543 [CONTACT US](#)

1 MRP ₹5,801

Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹5,801 each
Qty 10-25	₹5,196 each
Need More?	<a href="#">Request Quote</a>

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
eDrawing:eprt	
EO Spec Sheet	<a href="#">Download All</a>

## General

<b>Note:</b> AR Coating: MgF <sub>2</sub>	<b>Type:</b> Mounted Imaging Filter
<b>Type of Filter:</b> Hoya G-533 or equivalent	

## Physical & Mechanical Properties

<b>Clear Aperture CA (mm):</b> 21.5	<b>Outer Diameter (mm):</b> 27.5
<b>Substrate Thickness (mm):</b> 2.0	<b>Thickness with Mount (mm):</b> 5.00

## Optical Properties

<b>Color:</b> Green	<b>Cut-Off Wavelength (nm):</b> 550.00
<b>Cut-On Wavelength (nm):</b> 520.00	<b>Glass/Filter Number:</b> G-533
<b>Index of Refraction (n<sub>d</sub>):</b> 1.54	<b>Substrate:</b> Colored Glass
<b>Surface Quality:</b> 80-50	<b>Wavelength Range (nm):</b> 400 - 700

## Threading & Mounting

<b>Filter Thread:</b> M25.5 x 0.50	<b>Thickness of Compatible Optics (mm):</b> 2.0
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## Regulatory Compliance

<b>RoHS 2015:</b> <a href="#">Exempt</a>	<b>Certificate of Conformance:</b> <a href="#">View</a>
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Country of Origin: Japan

Imported By: Edmund Optics India Private Limited  
 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038  
 Phone: +91-80-6845 0000

## Product Details

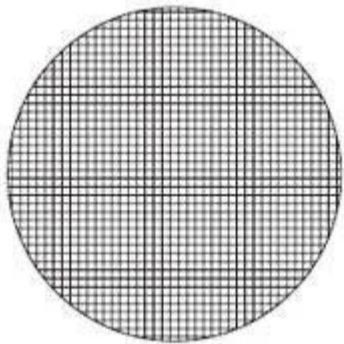
- Improve Contrast
- Isolate Spectral Regions/Colors
- Precision Colored Glass

Mounted Color Filters are ideal for machine vision and are best used with black-and-white cameras to yield increased contrast and resolution. Utilizing the principle "Like Colors Lighten Like Colors" will maximize results. Daylight Blue filters increase color temperature from 3300K to 5500K (daylight). Color camera settings (Red/Blue gain level and AWC) yield further optimization when used in conjunction with lamp selection (quartz-halogen and fluorescent). Mounted Color Filters provide wide fields of view unobtainable with angle-sensitive filters.

All filters can be threaded together via identical male and female threads on each mount. Color filters can also be used in conjunction with **mounted UV filters** to block unwanted ultraviolet light and protect the filters in extreme environments.

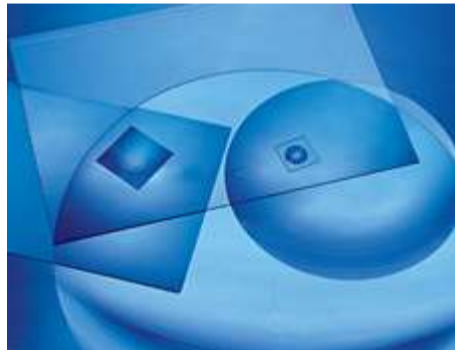
## Technical Information

### Frequently Purchased Together



#30-073 - 21mm Dia., 0.5mm Squares, Microscope Eyepiece Reticle  
**₹26,758**

Qty



#32-681 - 2.5" x 2.5", 5" Focal Length, Fresnel Lens  
**₹5,095**

Qty



#32-747 - 8.0mm Diameter, N-BK7 Ball Lens  
**₹5,146**

Qty



#32-753 - SCHOTT GG-495, 25.4mm Dia., 3mm Thick, Colored Glass Longpass Filter  
**₹4,641**

Qty

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ

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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