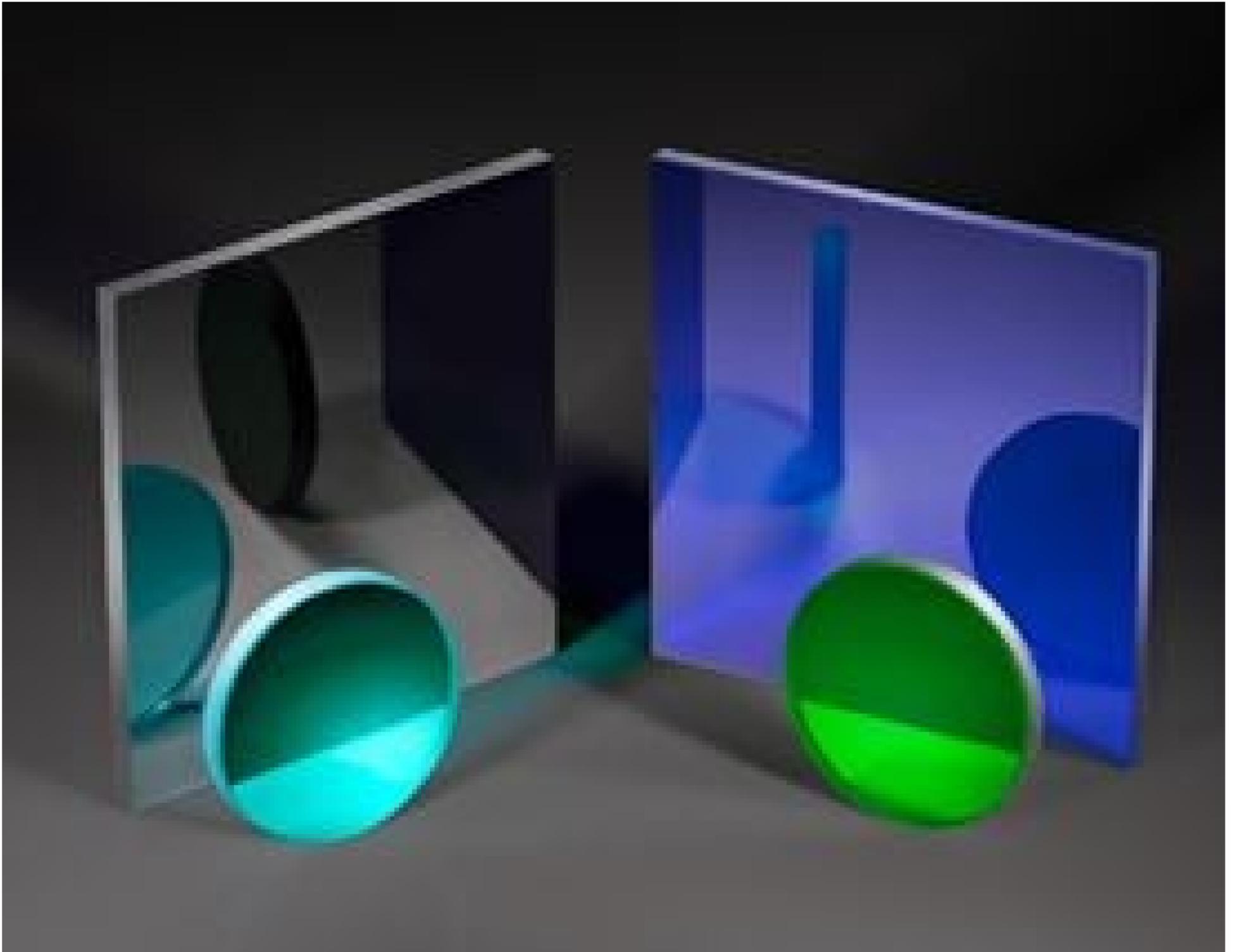


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# Hoya B390 (UV-VIS) 50mm Dia., 1mm Thick, Colored Glass Bandpass Filter

See More by [Hoya](#)



Stock #18-783 **5 In Stock**

[Additional Bandwidths](#)

⊖ 1 ⊕ €126.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-10	€126,00 each
Qty 11-49	€112,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

## Product Downloads

### General

Bandpass Filter **Type:**

### Physical & Mechanical Properties

**Diameter (mm):**

50.00

Thickness (mm):

1.00 ±0.1

Parallelism (arcmin):

≤2

Dimensional Tolerance (mm):

±0.2

## Optical Properties

Center Wavelength CWL (nm):

390.00

Full Width-Half Max FWHM (nm):

125.00

Glass/Filter Number:

[Hoya B390](#)

Substrate:

Colored Glass

Coating:

Uncoated

Color:

Blue-Violet

Surface Quality:

60-40

Wavelength:

UV-VIS

## Material Properties

Density (g/cm<sup>3</sup>):

2.57

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 247:

[Compliant](#)

## Need different specs or modifications?

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](#).

## Product Details

- UV, VIS, IR Ranges
- Circular and Square Sizes Available

Hoya Colored Glass Bandpass Filters have broad spectral bandwidths in the ultraviolet, visible, or infrared spectrums. An optical bandpass filter has a transmission band surrounded by two blocking bands that allow only a portion of the spectrum to pass. The nearly black filters absorb visible radiation. Hoya Colored Glass Bandpass Filters are optimized for ultraviolet or infrared detection applications. UV filters are often used to selectively transmit the 254nm and 365nm mercury lines. IR filters are often used in night vision and IR sensing systems.

**Bandpass Filter Kits:** 8 filter set available. Contains U-330, U-340, BG-3, BG-18, BG-38, B-390, VG-9, and RT-830 glass types.

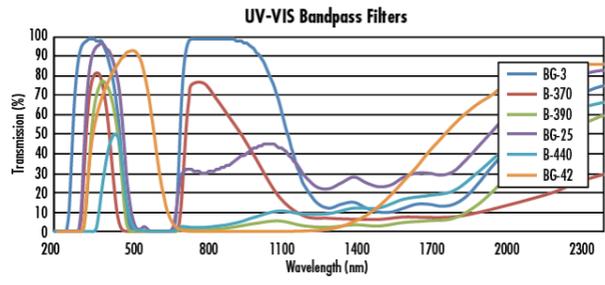
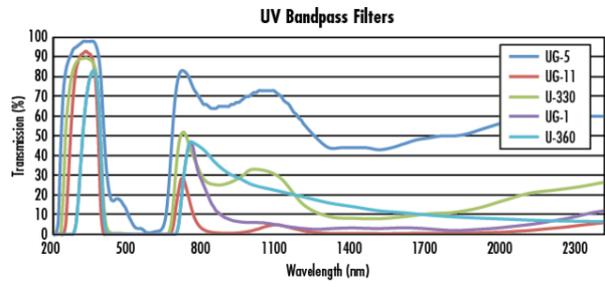
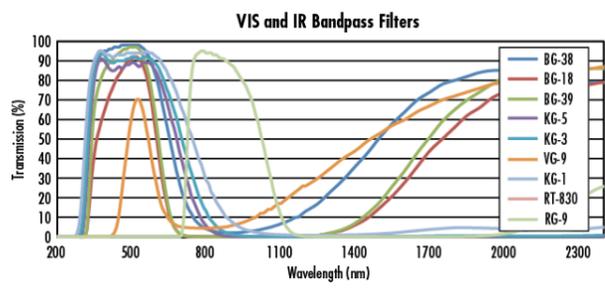
BG-38, U-340, RT-830, U-330, and U-360 available in a [Pre-Loaded filter wheel](#).

**Note:** Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact [kits@edmundoptics.com](mailto:kits@edmundoptics.com).

## Filter Simulation Software

[Click here](#) to download HOYA's colored glass filter simulation software which can be used to calculate the internal transmittance and external transmission of each HOYA glass type. The software can simulate the performance of individual filters with user specified thickness.

## Technical Information



## Compatible Mounts