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# 532nm CWL, 25mm Diameter, 10nm Bandpass

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High Transmission Traditional Coated Bandpass Filters

Stock #71-638 **1 In Stock**

1

€225<sup>,00</sup>

ADD TO CART

Volume Pricing	
Qty 1-10	€225,00 each
Qty 11-25	€191,25 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

### Product Downloads

[EO Spec Sheet](#)

## General

**Type:** Bandpass Filter

## Physical & Mechanical Properties

**Diameter (mm):** 25.00 +0/-0.25

**Clear Aperture CA (mm):** 21.0

**Thickness (mm):** 5.90

**Construction:** Mounted in Black Anodized Ring

## Optical Properties

**Center Wavelength CWL (nm):** 532.00

**Center Wavelength CWL Tolerance (nm):** +2/-0

**Full Width-Half Max FWHM (nm):** 10.00

**Full Width-Half Max FWHM Tolerance (nm):** ±2

**Minimum Transmission (%):** 75

**Coating:** Traditional Coated

**Blocking Wavelength Range (nm):** 1x10<sup>-4</sup> avg Xray to 800nm

## Environmental & Durability Factors

**Operating Temperature (°C):** -50 to +70

## Regulatory Compliance

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## Product Details

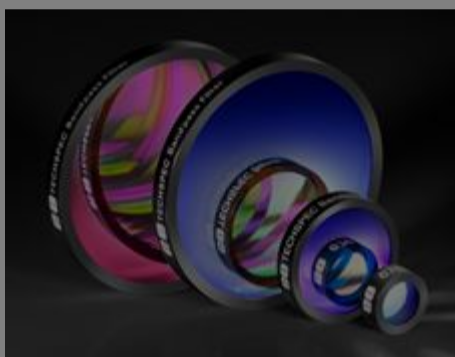
- Passband Transmission up to 80%
- 441.6 to 1064nm Wavelength Options with 10, 20, and 40nm Bandwidths
- Ideal for Medical and Analytical Applications

High Transmission Traditional Coated Bandpass Filters are designed for situations where far-infrared blocking is not required, allowing for up to 80% transmission in the passband region and good blocking over the visible and NIR wavelength range. Featuring popular laser, mercury, biomedical, and analytical spectral lines, these filters cover a wide range of visible and NIR wavelengths. A hermetic seal and an anodized metal mount help maintain performance in high humidity environments and protect against chipping and scratching. High Transmission Traditional Coated Bandpass Filters are ideal for a range of scientific and medical applications such as spectral radiometry, medical diagnostics, chemical analysis, and Colorimetry. For applications requiring wider blocking ranges, **traditional coated bandpass filters** are available whereas applications requiring higher transmission above 90% are best served with **hard coated bandpass filters**.

## Related Products



Traditional Coated 400 – 699nm Bandpass Interference Filters



Hard Coated OD 4.0 10nm Bandpass Filters



Manual Cage Filter Wheel

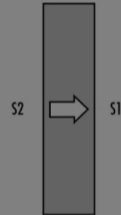


Optomechanics

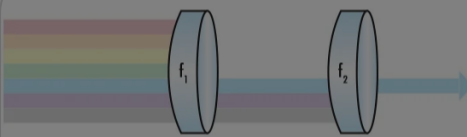
## Resources

### 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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