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TECHSPEC® 400-700nm



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1 €89⁰⁰

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Volume Pricing	
Qty 1-9	€89,00 each
Qty 10-25	€80,00 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Neutral Density Filter

Stock No. of Unmounted Filter: #63-462

Physical & Mechanical Properties

Diameter (mm): 28.00

Clear Aperture CA (mm): 22.0

Optical Properties

Optical Density OD (Average): 0.7

Substrate: ND Filter Glass

Coating: Uncoated

Transmission (%): 20.00

Wavelength Range (nm): 400 - 700

Threading & Mounting

Filter Thread: M25.5 x 0.50

Mount Thickness (mm): 9.9

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- VIS and NIR ND Filters, Mounted for Imaging Lenses
- Variety of Optical Densities
- Stack Filters Together for Custom Transmission Profiles

Our **TECHSPEC® Absorptive Neutral Density Filters** and **TECHSPEC® NIR Non-Reflective Neutral Density Filters** are now available in M25.5 and M30.5 mounts for imaging lenses. Neutral Density (ND) filters are useful for limiting the amount of light that reaches the sensor of a camera. Using ND filters rather than the iris of your lens allows the imaging system to limit the depth of field of the image, eliminating parallax errors and other image artifacts that may limit the usefulness of your machine vision software.

We have specially designed our mounts to hold filters up to 6.5mm in thickness, allowing the user to stack multiple ND filters together to create custom transmission filters. Optical Densities are additive, meaning a filter stack of a 0.4 OD filter and a 1.3 OD filter will produce a 1.7 Optical Density.

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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+	M25.5 x 0.5 Mount for 25mm Diameter Filters		#65-800	€60,00 Volume Pricing Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	M30.5 x 0.5 Mount for 25mm Diameter Filters		#65-801	€59,00 Volume Pricing Request Quote	8 In Stock <input type="text" value="1"/>

Frequently Purchased Together



#56-527 - 12mm FL Compact Fixed Focal Length Lens
€455,00



#56-529 - 25mm FL Compact Fixed Focal Length Lens
€455,00



#56-531 - 50mm FL Compact Fixed Focal Length Lens
€455,00



#65-800 - M25.5 x 0.5 Mount for 25mm Diameter Filters
€60,00

Resources

Media Type

- Application Note
- FAQ
- Glossary
- Video
- Published Article
- Technical Tool

APPLICATION NOTE
Understanding Neutral Density Filters

? FAQ
What is an ND Filter?

? FAQ
Can I place ND filters back-to-back and increase...



? FAQ

What is the difference between using an absorptive

? FAQ

How should I orient my reflective ND or interference



GLOSSARY

Continuously Variable Apodizing Filter

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