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TECHSPEC® 2.0 OD



UV-NIR Neutral Density Filters

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit

1

€193⁰⁰

ADD TO CART

Volume Pricing

Qty 1-5	€193,00 each
Qty 6-25	€155,00 each
Qty 26-49	€144,75 each
Need More?	Request Quote

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

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.2

Thickness (mm): 3.00 ±0.10

Clear Aperture (%): 80.00

Parallelism (arcsec): <5

Optical Properties

Optical Density OD (Average): 2.0

Substrate: [Fused Silica](#) (Corning 7980)

Coating: Metallic Based ND

Surface Quality: 40-20

Transmission (%): 1.0

Blocking Wavelength Range (nm): 190 - 1700

Transmitted Wavefront, P-V: λ/4

Optical Density Tolerance (%): ±10

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

REACH 241: [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
- High-precision surface quality and finishes
- Tight tolerances and complex geometries
- Scalable production—from prototyping to full-scale production

Learn more about our [custom manufacturing](#) services.

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Product Details

- Constant Transmission from 190 – 1700nm
- Can be Stacked to Create Intermediate Density Values
- Multiple Optical Densities Available

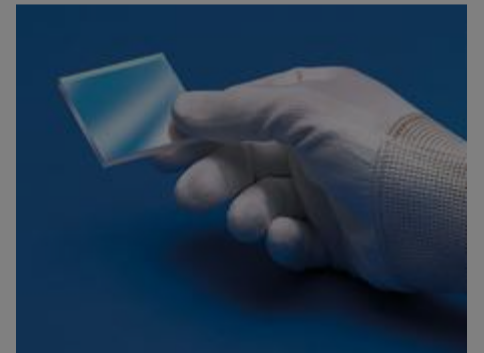
TECHSPEC® UV-NIR Neutral Density (ND) Filters are used to attenuate light from the ultraviolet to the near-infrared. TECHSPEC® UV-NIR ND Filters feature excellent parallelism with superior surface characteristics to provide constant, ultra-broadband performance from 190 – 1700nm. These ND filters are ideal for a range of applications including spectroscopy, machine vision, or ellipsometry, or for use with low power lasers. TECHSPEC® UV-NIR Neutral Density (ND) Filters can be stacked to obtain a range of optical densities.

Note: UV-NIR Neutral Density Filter kit includes all optical densities. Filter coating is fragile and should be handled with care. Use non-contact cleaning methods only.

Technical Information

Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

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+	UV-NIR, 12.5mm Diameter ND Filter Kit		#88-368	€695,00 Request Quote	2 In Stock 1 Buy
MORE+	UV-NIR, 25mm Diameter ND Filter Kit		#88-369	€925,00 Request Quote	2 In Stock 1 Buy
MORE+	UV-NIR, 50mm Diameter ND Filter Kit		#88-370	€1.485,00 Request Quote	CONTACT US 1 Buy

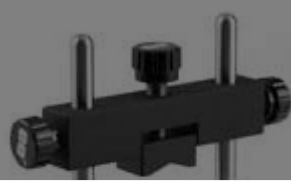
Frequently Purchased Together



#03-628 - 23mm Diameter, C-Mount Eyepiece Mount
€46,50



Ring Mount
€114,00



€106,00





















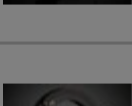



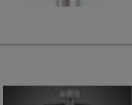



#32-724 - 25mm Dia. x 60mm FL, MgF₂ Coated, Achromatic Doublet Lens
€122,00

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Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	€21,00 Request Quote	14 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	€21,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	€32,75 Request Quote	3 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., E-Series Kinematic Mount	Adjustable - Tip-Tilt		#15-866	€43,50 Request Quote	14 In Stock <input type="text" value="1"/>
	2.0 - 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-668	€63,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	€68,00 Request Quote	15 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	€71,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	€83,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., Optical Cell Assembly	Fixed		#36-461 CLEARANCE	€95,95 Request Quote	2 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#58-851	€98,50 Request Quote	3 In Stock <input type="text" value="1"/>
	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	€102,00 Request Quote	5 In Stock <input type="text" value="1"/>
	5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-529	€102,00 Request Quote	20+ In Stock <input type="text" value="1"/>
	7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	€106,00 Request Quote	20+ In Stock <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
MORE+	 25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws				€107,00	20+ In Stock <input type="text" value="1"/> 
MORE+	 10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder					CONTACT US <input type="text" value="1"/> 
MORE+	 19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	€114,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 7.0 - 67.0mm Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	€116,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 8.0 - 118.0mm Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	€120,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-077	€157,00 Request Quote	5 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#26-815	€161,00 Request Quote	4 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#26-818	€182,00 Request Quote	9 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	€276,00 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+	 5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	€410,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., Precision Gimbal Mount	Adjustable - Gimbal		#54-999	€461,00 Request Quote	4 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	€540,00 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+	 25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	€755,00 Request Quote	2 In Stock <input type="text" value="1"/> 

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Check out our full selection of mounts [here](#).

Resources

Media Type

APPLICATION NOTE

UV vs. IR Grade Fused Silica

? FAQ

GLOSSARY

NIR (Near Infrared)

- Application Note
- FAQ
- Glossary
- Scientific Paper
- Video

You offer many substrates for UV and IR applications....

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VIS/NIR Coating

Ultraviolet fatigue testing of laser optics

APPLICATION NOTE

UV Optics: Tighter Tolerances and Different...

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