

TECHSPEC® 0.6 OD 12.5mm Dia UV-NIR ND Filter



UV-NIR Neutral Density Filters

Stock #19-298 **9 In Stock**

1 C\$201^{.60}

ADD TO CART

Volume Pricing	
Qty 1-5	C\$201.60 each
Qty 6-25	C\$161.00 each
Qty 26-49	C\$151.20 each
Need More?	Request Quote

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): 12.50 +0.0/-0.2

Thickness (mm): 1.50 ±0.10

Clear Aperture (%): 80.00

Parallelism (arcsec): <5

Optical Properties

Optical Density OD (Average): 0.6

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

Coating: Metallic Based ND

Surface Quality: 40-20

Transmission (%): 25.0

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, 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

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

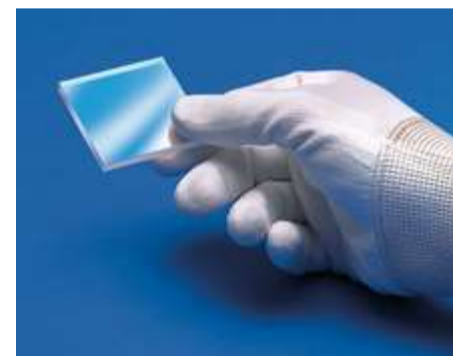
TECHSPEC® UV-NIR Neutral Density (ND) Filters are used to attenuate light from the ultraviolet to the near-infrared. TECHSPEC® UV-NIR ND Filters feature excellent parallelism with superior surface characteristics to provide constant, ultra-broadband performance from 190 – 1700nm. These ND filters are 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	C\$973.00 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	UV-NIR, 25mm Diameter ND Filter Kit		#88-369	C\$1,295.00 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	UV-NIR, 50mm Diameter ND Filter Kit		#88-370	C\$2,079.00 Request Quote	CONTACT US <input type="text" value="1"/>

Frequently Purchased Together



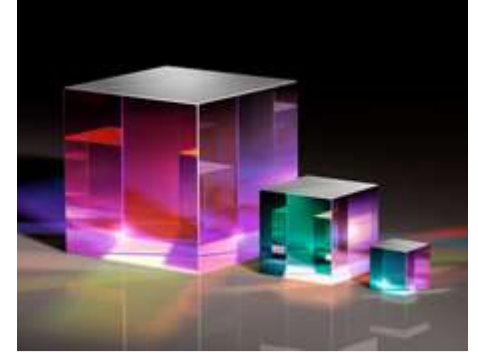
#32-701 - 30mm 50R/50T Cube Beamsplitter
C\$442.40



#33-332 - 575nm CWL, 12.5mm Dia, 27nm Bandwidth, OD 6 Fluorescence Filter
C\$397.60












#45-651 - 10mm Diameter 220 Grit Ground Glass Diffuser
C\$29.40



#47-126 - 20mm 632.8nm, Laser Line Polarizing Cube Beamsplitter
C\$442.40

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	12.5/12.7mm Optic Dia., SM05 Thin Mount, M4	Fixed		#13-789	C\$27.30 Request Quote	20+ In Stock <input type="text" value="1"/>
	12.5/12.7mm Optic Dia., SM05 Thin Mount, 8-32	Fixed		#13-790	C\$27.30 Request Quote	20+ In Stock <input type="text" value="1"/>
	12.5/12.7mm Optic Dia., L-Slot Direct Mount	Fixed		#36-416	C\$82.60 Request Quote	20+ In Stock <input type="text" value="1"/>
	12.5/12.7mm Optic Dia., Side Flange Direct Mount	Fixed		#36-418	C\$82.60 Request Quote	11 In Stock <input type="text" value="1"/>
	12.5/12.7mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-417	C\$135.10 Request Quote	20+ In Stock <input type="text" value="1"/>
	5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-529	C\$142.80 Request Quote	20+ In Stock <input type="text" value="1"/>
	7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	C\$148.40 Request Quote	20+ In Stock <input type="text" value="1"/>
	10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	C\$151.20 Request Quote	CONTACT US <input type="text" value="1"/>
	7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	C\$162.40 Request Quote	20+ In Stock <input type="text" value="1"/>
	8.0 - 118.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	C\$168.00 Request Quote	20+ In Stock <input type="text" value="1"/>
	4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-077	C\$219.80 Request Quote	5 In Stock <input type="text" value="1"/>
	12.5/12.7mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-955	C\$365.40 Request Quote	5 In Stock <input type="text" value="1"/>

	Title	Type	Compare	Stock Number	Price	Buy
 	5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	C\$574.00 Request Quote	CONTACT US <input type="text" value="1"/> 
 	12.5/12.7mm Optic Dia., Precision Gimbal Mount	Adjustable - Gimbal		#84-640	C\$589.40 Request Quote	7 In Stock <input type="text" value="1"/> 
 	12.5/12.7mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-958	C\$600.60 Request Quote	5 In Stock <input type="text" value="1"/> 

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

Resources

Media Type

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

APPLICATION NOTE

UV vs. IR
Grade Fused
Silica

? FAQ

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

GLOSSARY

NIR (Near
Infrared)

GLOSSARY

VIS/NIR
Coating

SCIENTIFIC PAPER

Ultraviolet
fatigue testing
of laser optics

APPLICATION NOTE

UV Optics:
Tighter
Tolerances
and Different...

[View More](#)