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TECHSPEC[®]

1.3 OD 50mm Dia UV-NIR ND Filter



UV-NIR Neutral Density Filters

Stock **#88-279** 20+ In Stock

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1

+

C\$431²⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$431.20 each
Qty 6-25	C\$343.00 each
Qty 26-49	C\$323.40 each
Need More?	Request Quote

Product Downloads

General	
Neutral Density Filter	Type:
Physical & Mechanical Properties	
50.00 +0.0/-0.2	Diameter (mm):
5.00 ±0.10	Thickness (mm):

80.00	Clear Aperture (%):
<5	Parallelism (arcsec):
Optical Properties	
1.3	Optical Density OD (Average):
Fused Silica (Corning 7980)	Substrate:
Metallic Based ND	Coating:
40-20	Surface Quality:
5.0	Transmission (%):
190 - 1700	Blocking Wavelength Range (nm):
λ/4	Transmitted Wavefront, P-V:
±10	Optical Density Tolerance (%):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

Custom

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](#).

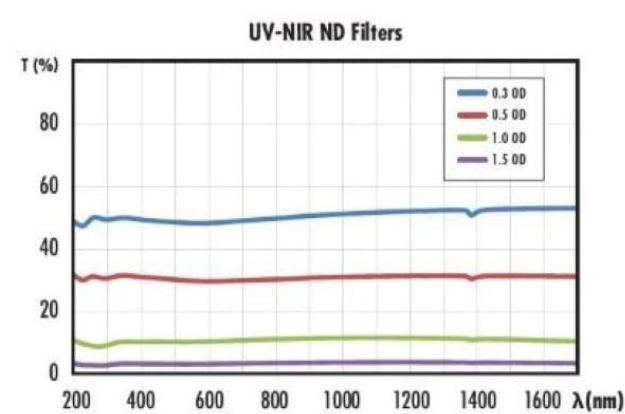
Product Details

- 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

Compatible Mounts

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