

IR Neutral Density Filter Kit, 50mm Diameter



Infrared (IR) Neutral Density (ND) Filters

Stock **#64-364** [CONTACT US](#)

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+

₹2,68,200

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₹2,68,200

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SPECIFICATIONS

General

OD: [0.3](#), [0.5](#), [1.0](#), [2.0](#), [3.0](#)

Filters Included :

Neutral Density Filter

Type:

Number of Filters:

5.00	
Physical & Mechanical Properties	
Diameter (mm):	
50.00	
Optical Properties	
Substrate: ☐	
Germanium (Ge)	
Coating:	
Metallic Based ND	
Surface Quality:	
80-50	
Blocking Wavelength Range (nm):	
2000 - 14,000	
Wavelength Range (μm):	
2 - 14	
Surface Flatness (P-V):	
3 - 5λ	
Regulatory Compliance	
RoHS:	
Not Compliant	
Certificate of Conformance:	
View	

PRODUCT DETAILS

- Spectrally Flat from 2μm to 14μm
- Precision Germanium Substrate

Infrared (IR) Neutral Density (ND) Filters feature excellent linearity over a wide spectral band of 2μm to 14μm. Ideal for thermal and medical imaging, the filters are available in a variety of densities and 2 size options. Attenuation is achieved by a metal alloy coating, which employs a combination of absorption and reflection to achieve the stated transmittance value. Infrared (IR) Neutral Density (ND) Filters feature a germanium substrate and are available in 12.5, 25, and 50mm diameters with varying transmissions and optical densities. All 5 optical densities are available as part of our Neutral Density Filter Kits. The kits are ideal for integration with our filter wheels.

Please contact our [Applications Engineering Department](#) to discuss custom size and density options.

TECHNICAL INFORMATION

