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## 0.15 OD, 22mm CA, C-Mount Absorptive ND Filter



C-Mount Absorptive Neutral Density (ND) Filters

Stock **#13-015** **2 In Stock**

1  MRP ₹10,392

Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

Qty 1-10	₹10,392 each
Qty 11-49	₹9,182 each
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### Product Downloads

### General

Neutral Density Filter **Type:**

#46-211 **Filter Included:**

### Physical & Mechanical Properties

22.0 **Clear Aperture CA (mm):**

2.50 ±0.5	<b>Thickness (mm):</b>
<0.02	<b>Parallelism (mm):</b>
20.3	<b>Total Length (mm):</b>
16.3	<b>Extension Length (mm):</b>

## Optical Properties

0.15 ±0.03	<b>Optical Density OD (Average):</b>
<a href="#">Hoya ND70</a>	<b>Glass/Filter Number:</b>
ND Filter Glass	<b>Substrate:</b> <input type="checkbox"/>
Uncoated	<b>Coating:</b>
1.50	<b>Index of Refraction (n<sub>d</sub>):</b>
80-50	<b>Surface Quality:</b>
70 (average)	<b>Transmission (%):</b>
400 - 700	<b>Blocking Wavelength Range (nm):</b>

## Threading & Mounting

C-Mount	<b>Thread Type:</b>
30.0	<b>Mount Diameter (mm):</b>
<a href="#">#56-353</a>	<b>Mount Included:</b>

## Material Properties

470	<b>Transformation Temperature (°C):</b>
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## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## Product Details

- Pre-mounted in Engraved C-Mount Housings
- Simplify Integration into Optical Systems
- Optical Densities from 0.15 to 2.5
- Also Available [Unmounted](#)

C-Mount Absorptive Neutral Density (ND) Filters are pre-mounted in C-Mount housings to simplify their integration into optical systems. Each housing is engraved with the stock number as well as the optical density of the filter for easy identification. ND filters with optical densities ranging from 0.1 to 2.5 are available. C-Mount Absorptive Neutral Density (ND) Filters are ideal for exposure control in imaging applications and in light control applications for measuring instruments. Please contact us if your application requires a custom C-Mount Absorptive Neutral Density (ND) Filter with one of our standard [Absorptive ND Filters](#).

### Filter Simulation Software

[Click here](#) to download HOYA's colored glass filter simulation software which can be used to calculate the internal transmittance and external transmission of each HOYA glass type. The software can simulate the performance of individual filters with user specified thickness.