

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



C-Mount Absorptive Neutral Density (ND) Filters

Stock **#13-015** **1 In Stock**

⊖ 1 ⊕ €103⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-10 | €103,00 each |
| Qty 11-49 | €91,00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Neutral Density Filter **Type:**

[#46-211](#) **Filter Included:**

Physical & Mechanical Properties

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

| | |
|-----------|------------------------|
| 2.50 ±0.5 | Thickness (mm): |
| <0.02 | Parallelism (mm): |
| 20.3 | Total Length (mm): |
| 16.3 | Extension Length (mm): |

Optical Properties

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

Threading & Mounting

| | |
|-------------------------|----------------------|
| C-Mount | Thread Type: |
| 30.0 | Mount Diameter (mm): |
| #56-353 | Mount Included: |

Material Properties

| | |
|-----|----------------------------------|
| 470 | Transformation Temperature (°C): |
|-----|----------------------------------|

Regulatory Compliance

| | |
|----------------------|-----------------------------|
| View | Certificate of Conformance: |
|----------------------|-----------------------------|

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.