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## 75µm Aperture Diameter, 25mm Mounted, Acktar Blackened Pinhole

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Acktar Blackened Pinholes (mounted)



Stock #15-395 **3 In Stock**

- 1 + £154<sup>00</sup>

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Volume Pricing	
Qty 1-9	£154.40 each
Qty 10+	£138.96 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Mounted **Type:**  
PA-1-2-75-25 **Model Number:**

## Physical & Mechanical Properties

25.0 ±0.2 **Outer Diameter (mm):**

Stainless Steel **Construction:**

75 ±3 **Fixed Aperture Diameter (µm):**

20 nominal **Thickness (µm):**

## Optical Properties

Magic Black™ **Coating:**

## Threading & Mounting

25.0 ±0.2 **Diameter of Mount (mm):**

3.0 ±0.1 **Mount Thickness (mm):**

## Material Properties

99 **Absorbance (%):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 247:**

## Product Details

- Low Reflectance from the EUV to SWIR
- 99% Absorbance Blackening Coating
- Aperture Sizes from 20 to 1000µm
- Available Unmounted and Mounted

Acktar Blackened Pinholes feature Acktar Magic Black™ blackening coating that provides wide-band low reflectance from the extreme ultraviolet (EUV) to the short-wave infrared (SWIR). This coating provides near zero outgassing and can be used in temperatures up to 380°C. Acktar Blackened Pinholes are coated on both sides, including the pinhole edge, and are available either unmounted or mounted in a 25mm mount for easy integration into optical systems. These stainless steel substrate pinholes are ideal for spatial filtering applications requiring low back reflection and scattering from light sources.

Note: Please [contact us](#) for custom aperture options.

## 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](#).