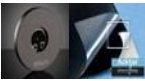


# 100µm Aperture Diameter, 25mm Mounted, Acktar Blackened Pinhole

See More by [Acktar](#)



Acktar Blackened Pinholes (mounted)



Stock **#12-172** **6 In Stock**

-

1

+

€193<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €193,00 each                  |
| Qty 10+        | €173,70 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

## SPECIFICATIONS

General

|                                  |                               |
|----------------------------------|-------------------------------|
| Mounted                          | Type:                         |
| PA-1-2-100-25                    | Model Number:                 |
| Physical & Mechanical Properties |                               |
| 25.0 ±0.2                        | Outer Diameter (mm):          |
| Stainless Steel                  | Construction:                 |
| 100 ±3                           | Fixed Aperture Diameter (µm): |
| 15 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](#).