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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

+

₹11,076

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | ₹11,076 each                  |
| Qty 10+        | ₹9,968 each                   |
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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:                  |
| Israel                              | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## 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](#).