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150µm Aperture Diameter, 12.7mm Mounted, Acktar Blackened Pinhole

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Acktar Blackened Pinholes (mounted)



Stock #16-825 **1 In Stock**

− 1 + A\$308⁰⁰

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Volume Pricing	
Qty 1-9	A\$308.80 each
Qty 10+	A\$277.92 each
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General

Mounted **Type:**

PA-1-2-150-05 **Model Number:**

Physical & Mechanical Properties

12.7 ±0.2 **Outer Diameter (mm):**

Stainless Steel **Construction:**

150 ±3 **Fixed Aperture Diameter (µm):**

20 nominal **Thickness (µm):**

Optical Properties

Magic Black™ **Coating:**

Threading & Mounting

12.7 ±0.2 **Diameter of Mount (mm):**

2.0 ±0.1 **Mount Thickness (mm):**

Material Properties

99 **Absorbance (%):**

Regulatory Compliance

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

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

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

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](#).

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.