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1000µm Aperture Diameter, Unmounted, Acktar Blackened Pinhole

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Acktar Blackened Pinholes (unmounted)



Stock **#12-170** **5 In Stock**

-

1

+

£144⁰⁰

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Volume Pricing	
Qty 1-9	£144.80 each
Qty 10+	£130.32 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Unmounted	Type:
PA-1-2-1000	Model Number:

Physical & Mechanical Properties	
9.53 ±0.1	Outer Diameter (mm):
Stainless Steel	Construction:
1000 ±10	Fixed Aperture Diameter (µm):
17 nominal	Thickness (µm):
Optical Properties	
Magic Black™	Coating:
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.