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150µm x 3mm, Unmounted, Acktar Blackened Air Slit

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Acktar Blackened Air Slits (mounted)



Stock #17-463 **2 In Stock**

€236⁰⁰

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Volume Pricing	
Qty 1-9	€236,00 each
Qty 10+	€213,10 each
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Product Downloads

General

Type:
 Unmounted

Model Number:
 PA-2-2-150

Physical & Mechanical Properties

9.53 ±0.1 **Outer Diameter (mm):**

Stainless Steel **Construction:**

3.0 **Slit Length (mm):**

150 ±3 **Slit Width (µm):**

0.02 nominal **Thickness (mm):**

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

- Wide-Band Low Reflectance Coating
- 99% Absorbance from the EUV to SWIR
- Slit Sizes Down to 25µm x 3mm
- Unmounted and Mounted Versions Available

Acktar Blackened Air Slits are ideal for light aperture applications where back reflections from light sources are a concern. These air slits feature stainless steel substrates coated with Acktar's Magic Black™ coating, which is a super black, low reflectance coating used in wavelengths from the extreme ultraviolet (EUV) to the short-wave infrared (SWIR). This wide-band coating is stable in temperatures up to 380°C and has no particulation from use. Acktar Blackened Air Slits are coated on both sides, including the slit edge, and are available unmounted or mounted for increased mechanical stability.

Note: Please [contact us](#) for custom slit sizes.