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100µm x 3mm, Mounted, Acktar Blackened Air Slit

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Acktar Blackened Air Slits (mounted)



Stock **#12-182** 1 In Stock

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1

+

₹14,230

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Volume Pricing	
Qty 1-9	₹14,230 each
Qty 10+	₹12,844 each
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Product Downloads

General	
Mounted	Type:
PA-2-2-100-25	Model Number:
Physical & Mechanical Properties	

25.0 ±0.2	Outer Diameter (mm):
Stainless Steel	Construction:
3.0	Slit Length (mm):
100 ±3	Slit Width (µm):

0.01 nominal	Thickness (mm):
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Optical Properties

Magic Black™	Coating:
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Threading & Mounting

25.0 ±0.2	Diameter of Mount (mm):
3.0 ±0.1	Mount Thickness (mm):

Material Properties

99	Absorbance (%):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
Israel	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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.