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# 50µm x 3mm, Mounted, Acktar Blackened Air Slit

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Acktar Blackened Air Slits (mounted)



Stock **#12-181** 1 In Stock

-

1

+

€249<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €249,00 each                  |
| Qty 10+        | €224,80 each                  |
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

|               |  |
|---------------|--|
| Type:         |  |
| Mounted       |  |
| Model Number: |  |
| PA-2-2-50-25  |  |

| Physical & Mechanical Properties |                             |
|----------------------------------|-----------------------------|
| 25.0 ±0.2                        | Outer Diameter (mm):        |
| Stainless Steel                  | Construction:               |
| 3.0                              | Slit Length (mm):           |
| 50 ±3                            | Slit Width (µm):            |
| 0.01 nominal                     | Thickness (mm):             |
| 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:                  |

## 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.

## 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](#).