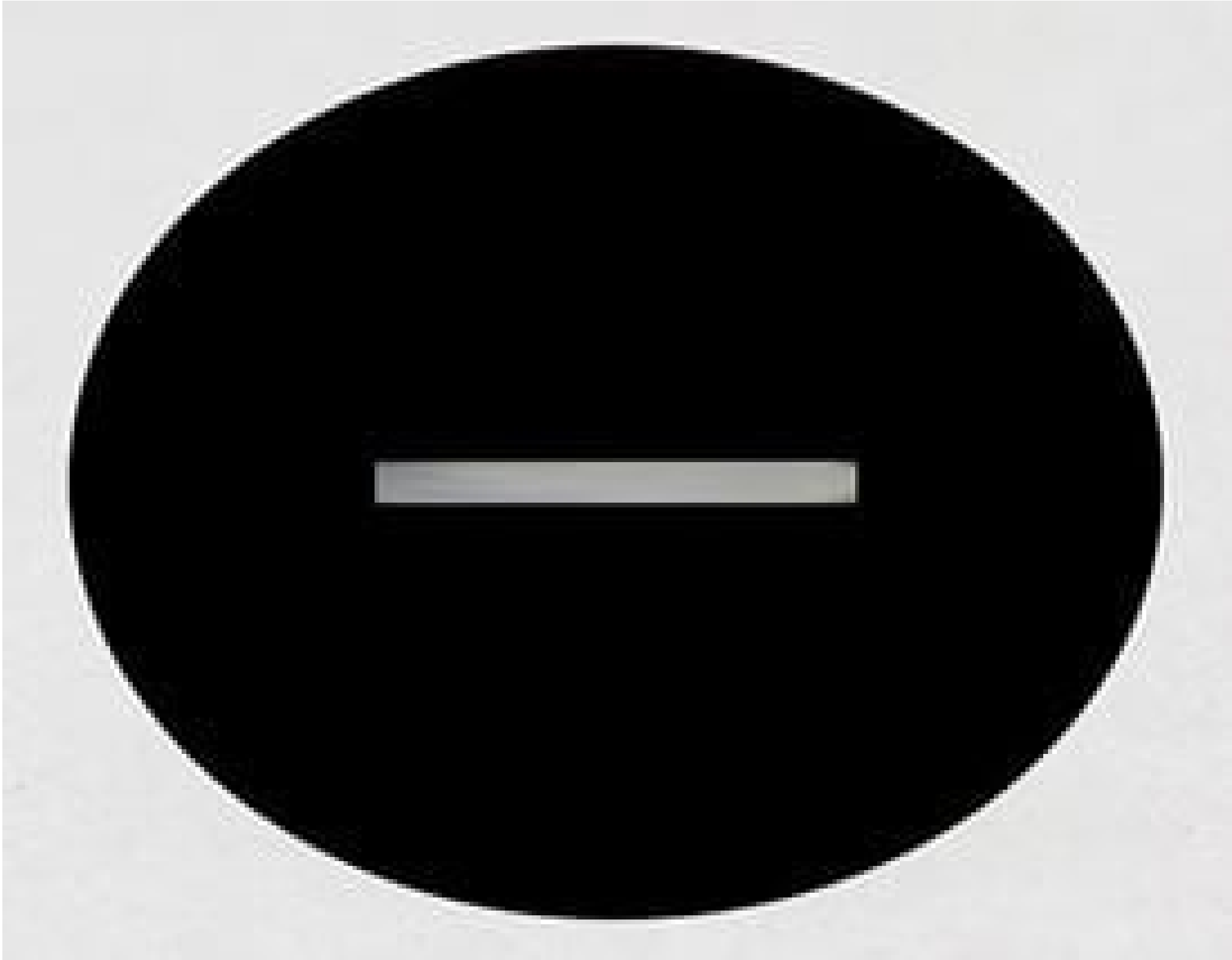


# 100μm x 3mm, Unmounted, Acktar Blackened Air Slit

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Acktar Blackened Air Slits (unmounted)



Stock **#12-178** 4 In Stock

-

1

+

S\$274<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | S\$274.80 each                |
| Qty 10+        | S\$248.07 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

## SPECIFICATIONS

General

Type:

Unmounted

|                                  |                             |
|----------------------------------|-----------------------------|
| PA-2-2-100                       | Model Number:               |
| Physical & Mechanical Properties |                             |
| 9.53 ±0.1                        | Outer Diameter (mm):        |
| Stainless Steel                  | Construction:               |
| 3.0                              | Slit Length (mm):           |
| 100 ±3                           | Slit Width (µm):            |
| 0.01 nominal                     | Thickness (mm):             |
| Optical Properties               |                             |
| Magic Black™                     | Coating:                    |
| 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](#).