

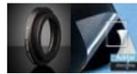
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## 5mm Length, Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tube

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5mm Length, Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tube



Stock #15-479 **1 In Stock**

C\$239<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$239.40 each
Qty 6+	C\$227.92 each
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### Product Downloads

#### General

**Model Number:**  
HBT-C1-5

**Function:**  
Extension Tube (Fixed)

**Technology:**  
Hexa-Black™

## Physical & Mechanical Properties

5.0 **Extension Length (mm):**

9.0 **Total Length (mm):**

30.0 **Outer Diameter (mm):**

19.5 **Clear Aperture CA (mm):**

## Optical Properties

200 - 5000 **Wavelength Range (nm):**

## Threading & Mounting

C-Mount **Thread Type:**

## Material Properties

99.9 **Absorbance (%):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

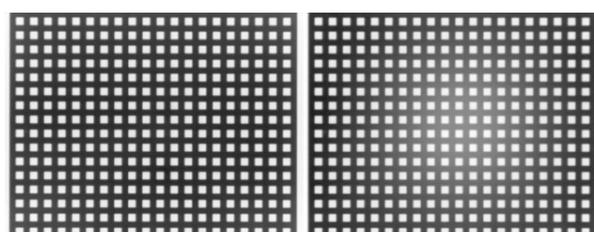
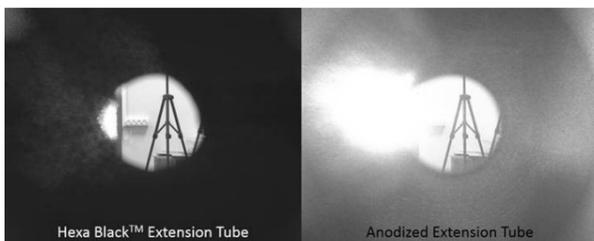
[Compliant](#) **Reach 247:**

## Product Details

- Acktar Hexa-Black™ Light Absorbing Technology
- Reduce Stray Light and Noise in Imaging Systems
- Near Zero Specular Reflectance at Grazing Angles
- Stray Light Rejection Ratio up to  $8 \times 10^{-7}$

Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tubes are used to increase the image distance in C-Mount imaging systems where stray light is a concern. Featuring Acktar's Hexa-Black™ technology, these extension tubes provide extremely high absorbance of stray light at grazing angles up to 88°. The ultra-black Hexa-Black material is designed to have wide-band absorption from the UV to the MMR, providing a stray light rejection ratio up to  $8 \times 10^{-7}$ . Acktar Hexa-Black C-Mount Noise Reduction Extension Tubes enable higher signal-to-noise ratios (SNR) and lower noise in imaging systems than standard anodized aluminum tubes. Multiple lengths are available with male/female C-Mount threads at opposite ends; please contact us if your application requires a custom sized noise reduction extension tube.

## Technical Information



Sample Image Using a Hexa-Black Tube (left) and Anodized Extension Tube (right)



Sample Image Using a Hexa-Black Tube (left) and Anodized Extension Tube (right)

## 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](#).

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