

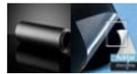
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# 100mm Length, Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tube

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100m Length, Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tube



Stock #12-689 **11 In Stock**

⊖ 1 ⊕ ₹11,956

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Volume Pricing	
Qty 1-5	₹11,956 each
Qty 6+	₹11,377 each
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## Product Downloads

### General

Extension Tube **Type:**

HBT-C1-100 **Model Number:**

Extension Tube (Fixed) **Function:**

Hexa-Black™

**Technology:**

**Physical & Mechanical Properties**

100.0      **Extension Length (mm):**  
104.0      **Total Length (mm):**  
30.0      **Outer Diameter (mm):**  
20.5      **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:**

Israel      **Country of Origin:**

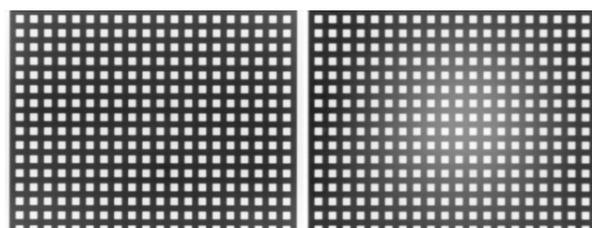
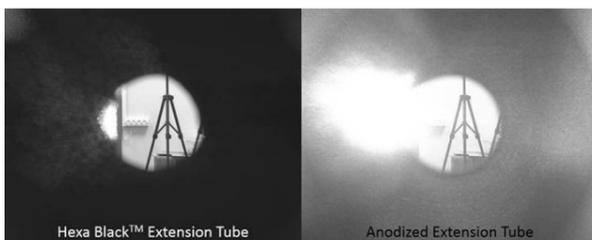
Edmund Optics India Private Limited      **Imported By:**

**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

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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

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