

50mm Length, Acktar Hexa-Black™ C-Mount Noise Reduction Extension Tube

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Stock **#12-688** 6 In Stock

-

1

+

€171⁰⁰

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Volume Pricing	
Qty 1-5	€171,00 each
Qty 6+	€162,80 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Extension Tube	Type:
HBT-C1-50	Model Number:

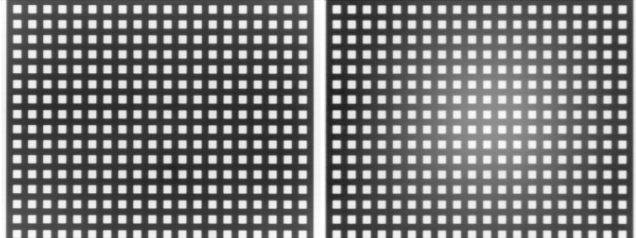
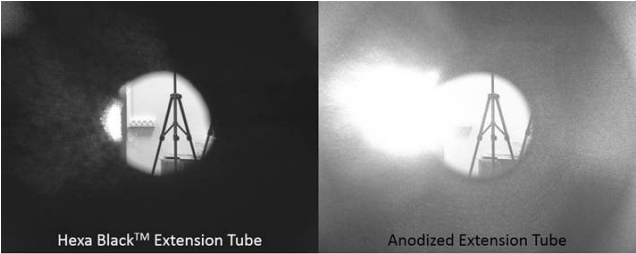
Extension Tube (Fixed)	Function:
Hexa-Black™	Technology:
Physical & Mechanical Properties	
50.0	Extension Length (mm):
54.0	Total Length (mm):
30.0	Outer Diameter (mm):
20.5	Clear Aperture CA (mm):
Optical Properties	
200 - 5000	Wavelength Range (nm):
Threading & Mounting	
C-Mount	Thread Type:
Material Properties	
99.9	Absorbance (%):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

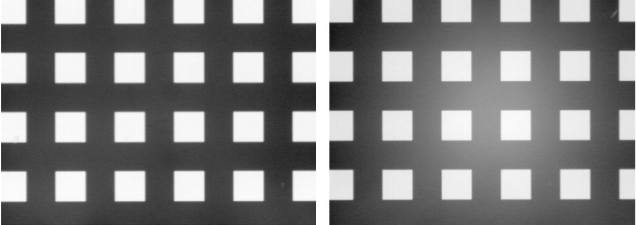
- Acktar Hexa-Black™ Light Absorbing Technology
- Reduce Stray Light and Noise in Imaging Systems
- Near Zero Specular Reflectance at Grazing Angles
- Stray Light Rejection Ratio up to 8×10^{-7}

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 8×10^{-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

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