

# Astronomy Bandpass Filter, Kron-Cousins, IR 50 x 50mm



Astronomy Bandpass Filters

Stock #21-119 **1 In Stock**

1 £712<sup>.00</sup>

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Volume Pricing	
Qty 1-5	£712.00 each
Qty 6-25	£640.80 each
Qty 26-49	£602.40 each
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Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
eDrawing:eprt	
EO Spec Sheet	<a href="#">Download All</a>

## General

<b>Type of Filter:</b> Kron-Cousins, I	<b>Type:</b> Bandpass Filter
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## Physical & Mechanical Properties

<b>Dimensions (mm):</b> 50 x 50	<b>Thickness (mm):</b> 5.00 ±0.1
<b>Dimensional Tolerance (mm):</b> +0/-0.25	<b>Parallelism (arcsec):</b> <30

## Optical Properties

<b>Center Wavelength CWL (nm):</b> 900.00	<b>Full Width-Half Max FWHM (nm):</b> 175.00
<b>Minimum Transmission (%):</b> >70	<b>Surface Quality:</b> 60-40
<b>Transmitted Wavefront, RMS:</b> λ/4	

## Regulatory Compliance

<b>RoHS 2015:</b> <a href="#">Compliant</a>	<b>Certificate of Conformance:</b> <a href="#">View</a>
<b>REACH 241:</b> <a href="#">Compliant</a>	

## Product Details

- Filter and Measure Light from Astronomical Objects
- Ideal for Photometric Calibration
- UBVRI Filters

Astronomy Bandpass Filters are used to filter out and measure specific bands of light emitted by astronomical and celestial objects. Johnson/Bessel filters are well suited for use with photomultiplier tubes and Kron/Cousin filters are well suited for use with Silicon sensors because of the sensors' responsivity. Both types of filters utilize identical UV (U), Blue (B), and Violet (V) filters. However, the Red (R) and Infrared (I) filters are optimized for use with either a photomultiplier tube or silicon CCD detector. Astronomy Bandpass Filters have precisely controlled thicknesses to minimize the common problem of refocusing when changing filters.

## Technical Information

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
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<a href="#">MORE+</a>	Astronomy Bandpass Filter, Kron-Cousins, Set of 50mm Dia.		#21-114	£3,400.00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	Astronomy Bandpass Filter, Kron-Cousins, Set of 50 x 50mm		#21-120	£3,400.00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
<a href="#">MORE+</a>	Astronomy Bandpass Filter, Johnson-Bessel, Set of 25mm Dia.		#21-126	£1,160.00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1
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<a href="#">MORE+</a>	Astronomy Bandpass Filter, Johnson-Bessel, Set of 50 x 50mm		#21-138	£3,112.00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> 1

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