

TECHSPEC[®] Filter Adapter M30.5 x 0.5 from M30.5 x 0.5 (Female)



#89-943

Stock **#89-943** 4 In Stock

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1

+

€34⁷⁵

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Volume Pricing	
Qty 1+	€34,75 each
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Product Downloads

General

Type:

Lens Accessory

Physical & Mechanical Properties

Outer Diameter (mm):

33.00

Thickness (mm):

7.20

Clear Aperture CA (mm):

Threading & Mounting

	Filter Thread:
M30.5 x 0.50 (Female)	
	Front Thread:
M30.5 x 0.5 (Female)	

Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

Product Details

Compatible with all 50mm focal length compact instrumentation lenses

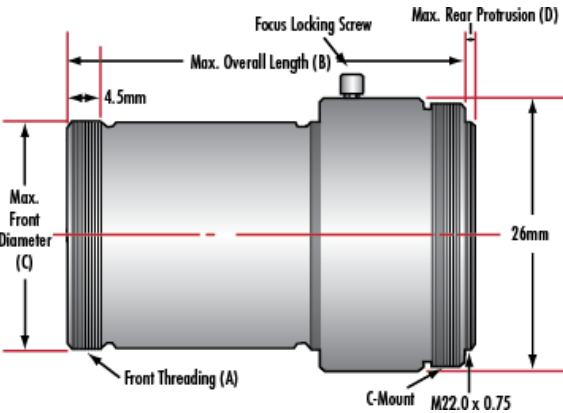
- Up to 2/3", C-Mount Lens
- Up to 7.5 MegaPixels, 2.8µm Pixel Size Sensors
- Instrumentation (Ci) Versions of our C Series Lenses with Streamlined Mechanical Designs and Fixed Apertures
- 3.5mm to 50mm Focal Length
- [Ruggedized \(Cr\) Designs](#) Also Available

TECHSPEC® Ci Series Fixed Focal Length Lenses are a streamlined version of our C Series Fixed Focal Length Lenses. They feature the same low lens-to-lens variation and broadband anti-reflection (BBAR) coating for maximum light transmission, while offering reduced weight and size. An adjustable, lockable focus allows for setting and locking the best focus position for instrumentation integration. TECHSPEC® Ci Series Fixed Focal Length Lenses are designed specifically for volume integration into applications such as factory inspection and automation to benchtop biomedical devices. The Ci Series offers a wide range of aperture options, ensuring maximum flexibility of resolution, throughput, and depth of field.

Edmund Optics has created a family of high performance optical designs (the C Series family) and developed 6 customized optomechanical solutions targeted for specific applications. These lens sub-families utilize the same optics as the C Series lenses providing the same optical performance in a variety of optomechanical solutions to meet your application requirements:

- **C Series:** Features locking cam focus and iris adjustment and is the most adjustable version of these optical designs; they are the typical high quality machine vision lenses. Also available with a [VIS-NIR Broadband Anti-Reflection \(BBAR\) Coating](#).
- **Ci Series:** Simplified mechanics featuring fixed apertures with compact housing. [Industrial Ruggedization](#) for reduced size, cost, and locked focus.
- **Cr Series:** All optics glued in place and a locking C-clamp focus ring. [Stabilized Ruggedization](#) for reduced pixel shift and improved focus stability.
- **Cx Series:** Modular, flexible mechanics allows lenses to be taken apart for easy integration of accessories such as liquid lenses, apertures, and more.
- **Liquid Lens Cx Series:** Designed with an integrated liquid lens for quick autofocus.
- **Cw Series:** Waterproof, designed to meet IEC [Ingress Protection](#) Code IPX7 and IPX9K.

Technical Information



Focal Length	A	B	C	D
6mm	M34.0 x 0.5	47.8mm	34mm	1.17mm
12mm	M22.0 x 0.75	29.0mm	22mm	0.96mm
16mm	M22.0 x 0.75	40.8mm	22mm	1.09mm
25mm	M22.0 x 0.75	29.9mm	22mm	1.33mm
35mm	M25.5 x 0.5	41mm	22.5mm	3.82mm
50mm	M30.5 x 0.5	49.5mm	30.5mm	2.06mm

A technical cross-section drawing of a lens assembly, identical to the one above. It shows a cylindrical lens with a front flange and a rear flange. Key dimensions and features are labeled: 'Max. Overall Length (B)' is the total length; 'Focus Locking Screw' is a small screw on the rear flange; 'Max. Rear Protrusion (D)' is the distance from the rear flange face to the end of the lens; '4.5mm' is the thickness of the front flange; 'Max. Front Diameter (Q)' is the outer diameter of the front flange; '26mm' is the diameter of the main lens body; 'Front Threading (A)' is the thread on the front flange; 'C-Mount' and 'M22.0 x 0.75' are labels for the rear flange.

