

0.19X, High Resolution Inline Telecentric Lens



Stock **#65-026** [CONTACT US](#)

- 1 + **£3,687^{.00}**

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Qty 1+	£3,687.00 each
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Product Downloads

General	
Series:	
High Res In-Line Illumination C-Mnt Telecentric Lenses	
Note:	
Magnification Tolerance %: ±3	
Type:	
Telecentric Lens	
Compatible Light Guide/Source:	
1/4" (0.312")	

In-Line Illumination	Type of Illumination:
Physical & Mechanical Properties	
171.60	Length (mm):
80	Maximum Diameter (mm):
Optical Properties	
46.9mm	Horizontal Field of View, 2/3" Sensor:
11.00	Maximum Image Circle (mm):
0.017	Numerical Aperture NA, Object Side:
4.00	Resolving Power, Image Space (μm):
±3.00	Working Distance Tolerance (mm):
0.19X	Primary Magnification PMAG:
0.19	Telecentric Lens Magnification:
110.00	Working Distance (mm):
f/6	Aperture (f/#):
≤0.02	Distortion (%):
0.19X	Magnification:
VIS	Lens Wavelength Range:
Sensor	
2/3"	Maximum Sensor Format:
2.60	Pixel Size (μm):
Threading & Mounting	
N/A	Filter Thread:
C-Mount	Mount:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Designed for High Resolution Imaging
- In-line Illumination Port (0.312" Ferrule)
- 2/3" Max. Sensor Format

This line of high resolution telecentrics was designed to allow of in-line illumination. This make them ideal for applications that need intense and direct illumination. The coaxial port accepts ¼" fiber bundles with a 0.312" ferrule diameter, which readily connects to our wide selection of light guides and illuminators.

The lenses feature a standard C-Mount threading to connect to the most common 2/3" and smaller machine vision cameras. Designed to have =0.05% distortion, these lenses are perfect for challenging measurement applications.