

## 1.0X, High Resolution Inline Telecentric Lens



Stock #65-027 **1 In Stock**

- 1 + €3.312<sup>00</sup>

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### Volume Pricing

Qty 1+	€3.312,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

**Product Family:**  
High Res In-Line Illumination C-Mnt Telecentric Lenses

**Note:**  
Magnification Tolerance %: ±3

**Type:**  
Telecentric Lens

**Compatible Light Guide/Source:**  
1/4" (0.312")

**Type of Illumination:**

**Physical & Mechanical Properties**

200.00 Length (mm):

45 Maximum Diameter (mm):

**Optical Properties**

8.8mm Horizontal Field of View, 2/3" Sensor:

11.00 Maximum Image Circle (mm):

0.072 Numerical Aperture NA, Object Side:

5.20 Resolving Power, Image Space ( $\mu\text{m}$ ): $\pm 1.00$  Working Distance Tolerance (mm):

1X Primary Magnification PMAG:

1.00 Telecentric Lens Magnification:

120.00 Working Distance (mm):

f/7 - Closed Aperture (f/#):

 $\leq 0.05$  Distortion (%):

1X Magnification:

VS Lens Wavelength Range:

**Sensor**

2/3" Maximum Sensor Format:

2.60 Pixel Size ( $\mu\text{m}$ ):**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 1/4" 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  $\pm 0.05\%$  distortion, these lenses are perfect for challenging measurement applications.