

## 2.0X, High Resolution Inline Telecentric Lens



Stock #65-028 **1 In Stock**

⊖ 1 ⊕ €3.785<sup>00</sup>

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### Volume Pricing

Qty 1+	€3.785,00 each
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### 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")

In-Line Illumination **Type of Illumination:**

## Physical & Mechanical Properties

250.00 **Length (mm):**

54 **Maximum Diameter (mm):**

## Optical Properties

4.4mm **Horizontal Field of View, 2/3" Sensor:**

11.00 **Maximum Image Circle (mm):**

0.13 **Numerical Aperture NA, Object Side:**

5.70 **Resolving Power, Image Space ( $\mu\text{m}$ ):**

$\pm 1.00$  **Working Distance Tolerance (mm):**

2X **Primary Magnification PMAG:**

2.00 **Telecentric Lens Magnification:**

100.00 **Working Distance (mm):**

f/8 - Closed **Aperture (f#):**

$\leq 0.05$  **Distortion (%):**

2X **Magnification:**

VIS **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  $\approx 0.05\%$  distortion, these lenses are perfect for challenging measurement applications.