

0.19X, High Resolution Inline Telecentric Lens



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

C\$7,168⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	C\$7,168.00 each
Need More?	Request Quote

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:	
In-Line 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 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.