

# 0.19X, High Resolution Inline Telecentric Lens



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

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+

S\$6,452<sup>.00</sup>

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| Qty 1+         | S\$6,452.00 each              |
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| General                                                |                                |
|--------------------------------------------------------|--------------------------------|
| High Res In-Line Illumination C-Mnt Telecentric Lenses | Series:                        |
| Magnification Tolerance %: ±3                          | Note:                          |
| Telecentric Lens                                       | Type:                          |
| 1/4" (0.312")                                          | Compatible Light Guide/Source: |
| 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            |                                        |
| <a href="#">View</a>             | 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.