

## Schneider 100mm F-Mount Lens, Long WD



Stock #87-109 [CONTACT US](#)

⊖ 1 ⊕ €3.164<sup>00</sup>

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### Volume Pricing

Qty 1+	€3.164,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

**Product Family:**  
Schneider Large Format F-Mount VIS-NIR Lenses

**Note:**  
Optimized Working Distance: 1548mm - ∞

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

95.70	<b>Length (mm):</b>
60.0	<b>Maximum Diameter (mm):</b>
60	<b>Outer Diameter (mm):</b>
442.00	<b>Weight (g):</b>
0.0	<b>Maximum Rear Protrusion (mm):</b>

## Optical Properties

537.00	<b>Field of View @ Min Working Distance (mm):</b>
20.2°	<b>Horizontal Field of View, 35mm Sensor:</b>
43.30	<b>Maximum Image Circle (mm):</b>
100.00	<b>Focal Length FL (mm):</b>
425 - ∞	<b>Working Distance (mm):</b>
f/2.8 - f/22	<b>Aperture (f/#):</b>
<0.4	<b>Distortion (%):</b>
400 - 1000 BBAR	<b>Coating:</b>
VIS-NIR Color Corrected	<b>Lens Wavelength Range:</b>

## Sensor

35mm (43.3mm Image Circle)	<b>Maximum Sensor Format:</b>
6.20	<b>Pixel Size (µm):</b>

## Threading & Mounting

M43.0 x0.75	<b>Filter Thread:</b>
F-Mount	<b>Mount:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 233:</b>

## Product Details

- Full Frame, 35mm (Covers 46mm Image Circle), F-Mount Lens
- Color Corrected for Spectral Range of 400 – 1000nm
- 28mm to 100mm Focal Length

Ideal for surface inspection and line scan applications, Schneider Large Format F-Mount MS-NIR Lenses offer low distortion and uniform performance across the entire focal plane. Featuring a lockable focus and iris, these lenses have been optically corrected for the 400 – 1000nm wavelength range. They can cover up to 35mm format sensors (43.3mm sensor diagonal). Schneider Large Format F-Mount MS-NIR Lenses has been highly toleranced to eliminate tilt in the image plane, providing repeatable and accurate results.