

## Schneider 50mm F-Mount Lens



Stock #85-188 **1 In Stock**

- 1 + MRP ₹1,77,354

**i** Price inclusive of all taxes

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### Volume Pricing

Qty 1+	₹1,77,354 each
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### General

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

**Note:**  
Optimized Working Distance: 220mm - ∞

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

23.40	<b>Length (mm):</b>
49.0	<b>Maximum Diameter (mm):</b>
59.6	<b>Outer Diameter (mm):</b>
203.00	<b>Weight (g):</b>
19.8	<b>Maximum Rear Protrusion (mm):</b>

## Optical Properties

180.00	<b>Field of View @ Min Working Distance (mm):</b>
38.7°	<b>Horizontal Field of View, 35mm Sensor:</b>
43.30	<b>Maximum Image Circle (mm):</b>
50.00	<b>Focal Length FL (mm):</b>
156 - ∞	<b>Working Distance (mm):</b>
f/2.2 - f/16	<b>Aperture (f/#):</b>
<0.5	<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 x 0.75	<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>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</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.