

Schneider 100mm F-Mount Lens, Short WD



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⊖ 1 ⊕ C\$4,333.⁰⁰

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General

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

Note:
Optimized Working Distance: 644 - 2046mm

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):

93.70

60.0 **Maximum Diameter (mm):**

60 **Outer Diameter (mm):**

463.00 **Weight (g):**

0.0 **Maximum Rear Protrusion (mm):**

Optical Properties

216.00 **Field of View @ Min Working Distance (mm):**

20.4° **Horizontal Field of View, 35mm Sensor:**

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

100.00 **Focal Length FL (mm):**

421 - ∞ **Working Distance (mm):**

f/2.8 - f/22 **Aperture (f/#):**

<0.5 **Distortion (%):**

400 - 1000 BBAR **Coating:**

VIS-NIR Color Corrected **Lens Wavelength Range:**

Sensor

35mm (43.3mm Image Circle) **Maximum Sensor Format:**

6.20 **Pixel Size (µm):**

Threading & Mounting

M43.0 x 0.75 **Filter Thread:**

F-Mount **Mount:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 233:**

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 VIS-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 VIS-NIR Lenses has been highly toleranced to eliminate tilt in the image plane, providing repeatable and accurate results.