

Schneider 50mm F-Mount Lens



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£1,336^{.00}

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General

Product Family:

Schneider Large Format F-Mbunt VIS-NIR Lenses

Note:

Optimized Working Distance: 220mm - ∞

Type:

Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:

Variable

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

Optical Properties	
180.00	Field of View @ Min Working Distance (mm):
38.7°	Horizontal Field of View, 35mm Sensor:
43.30	Maximum Image Circle (mm):
50.00	Focal Length FL (mm):
156 - ∞	Working Distance (mm):
f/2.2 - f/16	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 x0.75	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.