

Schneider 50mm F-Mount Lens



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

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1

+

₹1,43,550

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Qty 1+	₹1,43,550 each
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General	
Series:	Schneider Large Format F-Mbunt VIS-NIR Lenses
Note:	Optimized Working Distance: 220mm - ∞
Type:	Fixed Focal Length Lens
Physical & Mechanical Properties	
Iris Option:	Variable
Length (mm):	

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

Optical Properties	
	Field of View @ Min Working Distance (mm):
180.00	
	Horizontal Field of View, 35mm Sensor:
38.7°	
	Maximum Image Circle (mm):
43.30	
	Focal Length FL (mm):
50.00	
	Working Distance (mm):
156 - ∞	
	Aperture (f/#):
f/2.2 - f/16	
	Distortion (%):
<0.5	
	Coating:
400 - 1000 BBAR	

	Lens Wavelength Range:
VIS-NIR Color Corrected	

Sensor	
	Maximum Sensor Format:
35mm (43.3mm Image Circle)	
	Pixel Size (µm):
6.20	

Threading & Mounting	
	Filter Thread:
M43.0 x0.75	
	Mount:
F-Mount	

Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 233:
Compliant	
	Country of Origin:
United States	
	Imported By:
Edmund Optics India Private Limited	

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