

28mm Standard Schneider Compact VIS-NIR Lens



Schneider Compact VIS-NIR Lenses

Stock #59-823 [CONTACT US](#)

1 **MRP ₹1,83,043**

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹1,83,043 each
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Product Downloads	
 Spec Sheets	 EO Spec Sheet

General

Product Family: Schneider Compact VIS-NIR Lenses	Type: Fixed Focal Length Lens
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Physical & Mechanical Properties

Iris Option: Variable	Length (mm): 34.20
Maximum Diameter (mm): 31.5	Outer Diameter (mm): 34
Weight (g): 122	

Optical Properties

Horizontal Field of View, 1/2" Sensor: 44.0°	Maximum Image Circle (mm): 21.60
Focal Length FL (mm): 28.00	Working Distance (mm): 64 - ∞
Aperture (f/#): f/2 - f/11	Distortion (%): <-4
Lens Wavelength Range: VIS-NIR	

Sensor

Maximum Sensor Format: 4/3"	Pixel Size (µm): 3.45
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Threading & Mounting

Filter Thread: M30.5 x 0.50	Mount: C-Mount
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Regulatory Compliance

RoHS 2015: Compliant	Certificate of Conformance: View
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Country of Origin: Germany

Imported By: 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

Product Details

- Up to 4/3", C-Mount Lens
- Spectral Range of 400-1000nm with Color Corrected Options
- 4.8mm to 50mm Focal Length

Schneider's Standard VIS-NIR lenses can accommodate up to a 4/3" sensor (22mm image circle) but will need to be refocused when switching between VIS and NIR wavelengths.

This series of lenses features a robust mechanical design, lockable focus, lockable iris, and filter mount threads, making them ideal for typical industrial settings. The optical design is an excellent match for high pixel depth cameras. Their excellent optical performance over the entire working distance range corresponds perfectly to the capabilities of high resolution sensors.

Note: Lenses with M62 x 0.75 filter thread require [#59-825](#) filter thread adapter.

Technical Information

Stock No.	A	B	C	D
#59-819	41.0mm	6.3mm	2.8mm	37.3mm
#64-764	40.9mm	3.75mm	2.5mm	31.5mm
#56-533	32.4mm	5.1mm	0.9mm	31.5mm
#56-534	42.7mm	5.8mm	1.2mm	31.5mm
#56-535	33.4mm	4.3mm	12.4mm	31.5mm
#56-536	36.9mm	3.8mm	8.2mm	31.5mm
#56-537	34.7mm	3.8mm	2.6mm	31.5mm
#59-820	74.0mm	3.8mm	4.3mm	42mm

Stock No.	A	B	C	D
#59-821	46.1mm	4.1mm	0.3mm	37.3mm
#59-822	40.9mm	3.8mm	2.5mm	31.5mm
#59-823	34.7mm	3.8mm	2.6mm	31.5mm
#59-824	36.9mm	3.8mm	8.2mm	31.5mm

Accessories

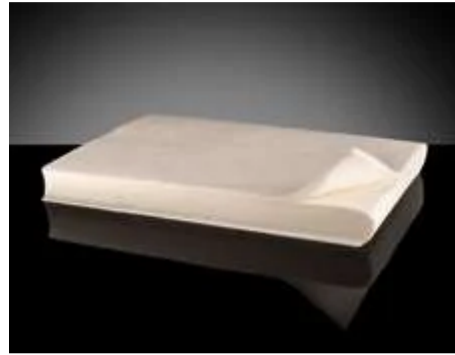
Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

▲	Title	Compare	Stock Number	Price	Buy
MORE+	Filter Thread Adapter for #59-821, #64-764 and #59-819		#59-825	₹12,441 Request Quote	1 In Stock <input type="text" value="1"/>

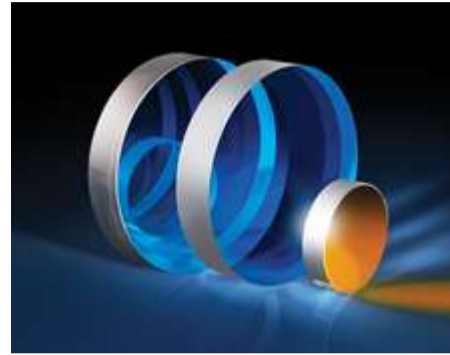
Frequently Purchased Together



#54-824 - 50R/50T, C-Mounted Standard Plate Beamsplitter
₹33,697



#60-375 - 7.75" x 4" Sheets, Industrial Grade Lens Tissue
₹4,195



#43-319-577 - 0.5" Dia. Protected Silver, $\lambda/10$ Flat Fused Silica
₹12,107



#57-727 - Purosol Optical Cleaner 4 oz. Spray Bottle
₹3,001

Resources

Media Type

- Application Note
- Video
- Glossary
- FAQ
- Published Article
- Technical Tool

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

VIDEO

Wavelength and f#

APPLICATION NOTE

Understanding Focal Length and Field of View

APPLICATION NOTE

Introduction to Modulation Transfer Function

VIDEO

Hyperspectral & Multispectral Imaging - TRENDING IN...

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