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12.0mm FL, IR-Cut Filter at 650nm, f/2, Micro Video Lens



Stock **#66-893** **20+ In Stock**

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MRP ₹6,478

Price inclusive of all taxes

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Qty 1-49	₹6,478 each
Qty 50+	₹5,204 each
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General	
Product Family: Long Working Distance Optimized Imaging Lenses	
Note: IR Cut-Off Filter Included	
Type: M12 Imaging Lens	
IR Cut Filter: Yes	

Special Type of Lens:	
IR-Cut Filter	
Physical & Mechanical Properties	
Iris Option:	
Fixed	
Length (mm):	
12.10	
Maximum Diameter (mm):	
14.0	
Outer Diameter (mm):	
14	
Optical Properties	
Horizontal Field of View @ Max Sensor Format:	
22.2	
Maximum Image Circle (mm):	
6.00	
Resolution, On-Axis:	
63 lp/mm @ 20% Contrast	
Resolution, 0.7 Field:	
60 lp/mm @ 20% Contrast	
Resolution, Full Field:	
60 lp/mm @ 20% Contrast	
Focal Length FL (mm):	
12.00	
Working Distance (mm):	
400 - ∞	
Aperture (f/#):	
f/2	
Distortion (%):	
-0.15 @ Full Field	
Maximum Distortion (%):	
-0.15	
Lens Wavelength Range:	
VIS (IR-Cut Filter)	
Sensor	
Maximum Sensor Format:	
1/3"	
Pixel Size (µm):	
3.45	
Threading & Mounting	
Filter Thread:	
M12 x 0.50	
Mount:	
S-Mbunt (M12 x 0.5)	
Regulatory Compliance	
RoHS 2015:	
Exempt	
Certificate of Conformance:	
View	
Reach 242:	
Contains SVHC(s)	
Country of Origin:	
South Korea	
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	

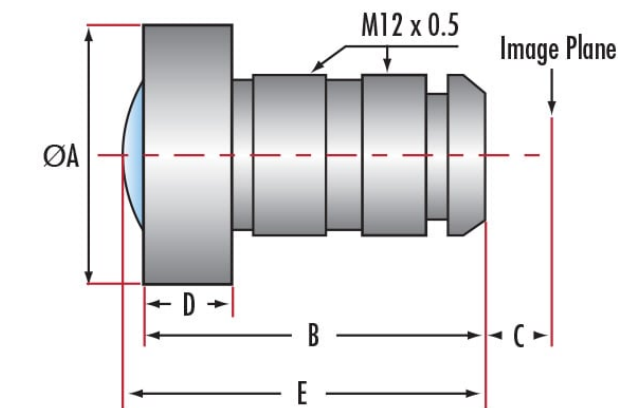
Product Details

- Up to 2/3", S-Mbunt Lens
- Wide Field of View Board Camera Lens
- 1.68mm to 50mm Focal Length

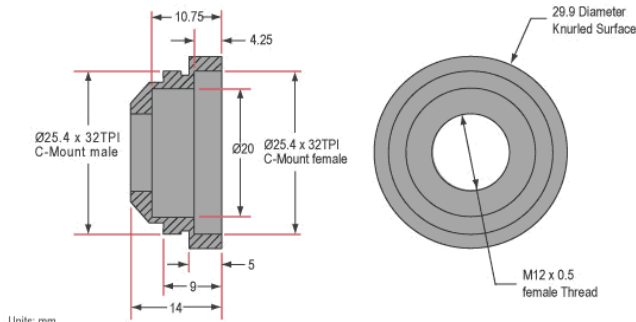
Long Working Distance Optimized Imaging Lenses are designed for use in micro sensor board cameras. These lenses provide excellent image quality in a small, versatile package. Optimized to cover 2/3" sensor formats, they are an ideal choice for wide angle and close focus applications. Long Working Distance Optimized Imaging Lenses have 1.68 to 50mm focal lengths. All lenses are threaded for M12 x 0.5. Some models with Back Focal Distances (dimension "C") less than 4mm may be incompatible with some color cameras due to the camera's Bayer filter. We recommend such lenses for use with monochrome cameras only. Lenses are designed for the 400nm to 700nm range.

Note: A line of [M12 Imaging Lens Accessories](#) is available for these products.

Technical Information



Infinite Conjugate M12 Imaging Lenses



Units: mm
C-Mount Adapter (#53-675)

Stock #		Focal Length (mm)	Aperture (f/#)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
No-IR Cut Filter	IR Cut Filter @650nm							
#59-776	#66-880	1.68	2.5	15.0	13.2	3.3	2.8	15.1
#56-774	#66-881**	1.74	2.8	21.0	19.61	3.33	3.2	N/A
#64-106	-	1.9	2.0	17.0	14.58	4.2	4.0	15.24
#55-569	#66-883	2.1	2.0	17.0	18.3	4.8	3.7	19.4
#57-681	#66-884***	2.5	2.5	17.0	19.1	4.4	3.7	20.3
#55-570	#66-885	2.9	2.0	15.0	17.4	5.2	5.8	17.8
#59-778	#66-886	3.0	2.0	14.0	15.3	5.3	3.9	N/A
#57-684	#66-890	6.05	1.8	15.0	15.6	8.0	6.0	N/A
#55-573	#66-891	6.37	2.4	14.8	13.12	5.3	3.3	N/A
#55-574	#66-892	8.0	2.5	15.0	13.5	5.8	3.0	N/A
#63-762	#59-779	10.1	2.8	15.0	13.4	6.1	3.2	N/A
#65-251	#64-107	10.4	2.8	14.0	8.93	6.4	4.0	N/A
#56-775	#66-893	12.0	2.0	14.0	12.1	6.2	4.0	N/A
#64-108	#66-894	16.0	2.0	14.0	14.4	8.0	4.5	N/A
#83-107	-	16.0	4.0	14.0	14.4	8.0	4.5	N/A
#56-776	#66-895	25.0	2.5	25.0	23.2	8.1	6.7	N/A
#59-780	#66-896	35.0	2.0	25.0	23.4	15.8*	6.0	N/A
#59-781	#66-897	50.0	2.5	27.0	52.8	4.1	8.0	N/A
*Note: 35.0mm lens has a large flange focal length. Please make proper adjustments when mounting. **#66-881, B(mm): 20.49 ***#66-884, B(mm): 19.8, E(mm): 21								

Stock #	Focal Length (mm)	Aperture (f/#)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	
#88-587	3.0	2.0	15.0	15.35	5.2	4	16	
#88-588	3.5	2.5	15.0	15.4	6.9	4	N/A	
#11-323	3.7	1.6	19	24.04	5.46	6.5	24.16	
#11-324	4.0	1.8	20	23.8	5.01	7	24.72	
#88-589	4.0	2.0	15.0	16.1	5.9	3.8	N/A	
#88-590	4.3	2.0	22.0	20.96	5.5	6	21.93	
#11-325	4.6	1.6	19	24.18	5.44	7	24.32	
#88-591	4.6	2.0	12.0	13.1	1.9	6	N/A	
#88-592	5.6	2.0	17.0	22.21	5.3	5	22.38	
#89-750	6.0	2.0	14.0	15.1	6.7	3.93	N/A	
#11-326	7.0	1.6	19	25.24	5.47	7.2	24.2	

#89-751	8.0	2.0	15.0	14.4	6.8	4.5	N/A
#89-752	12.0	2.0	15.0	14.3	5.7	4.5	N/A