

TECHSPEC®

25mm CA Series Fixed Focal Length Lens



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Stock **#11-318** **20+ In Stock**

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+

S\$1,238^{.00}

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SPECIFICATIONS

General

CA Series

Series:

Fixed Focal Length Lens		Type:
Physical & Mechanical Properties		
Variable	Iris Option:	
93.65	Length (mm):	
52	Maximum Diameter (mm):	
52	Outer Diameter (mm):	
0	Maximum Rear Protrusion (mm):	
Optical Properties		
	Field of View at Max Sensor Format:	
	Horizontal: 50.0°	
	Vertical: 38.0°	
	Diagonal: 61.5°	
50.0°	Horizontal Field of View, APS-C Sensor:	
38.0°	Horizontal Field of View, 4/3" Sensor:	
32.1°	Horizontal Field of View, 1.1" Sensor:	
29.2°	Horizontal Field of View, 1" Sensor:	
20.2°	Horizontal Field of View, 2/3" Sensor:	
27.90	Maximum Image Circle (mm):	
0.019	Numerical Aperture NA, Object Side:	
10 (9)	Number of Elements (Groups):	
25.00	Focal Length FL (mm):	
200 - ∞	Working Distance (mm):	
f/2.8 - f/16	Aperture (f/#):	
N4 MgF ₂	Coating Specification:	
39.64	Entrance Pupil Position (mm):	
47.46	Object Space Principal Plane (mm):	
-8.15	Image Space Principal Plane (mm):	
5.8	Maximum Distortion (%):	
-56.88	Exit Pupil Position (mm):	
VS	Lens Wavelength Range:	
Sensor		
APS-C	Maximum Sensor Format:	
2.74	Pixel Size (μm):	
Threading & Mounting		
M52 x0.75 (Male)	Filter Thread:	
TFL-Mbunt	Mount:	
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	

PRODUCT DETAILS

- APS-C (27.9mm), TFL-Mount Lens or M40 Mount Lens
- Greater than 30 MegaPixels, 3.45µm Pixel Size Sensors
- High Resolution, Compact APS-C Lens (CA)
- 35mm to 100mm Focal Length

TECHSPEC® CA (Compact APS) Series Fixed Focal Length Lenses are designed for high-resolution large-format sensors. Covering the APS-C format sensors with a 28mm image circle, these lenses feature a [TFL Mount](#) or M40 Mount. TFL Mounts feature an M35 x 0.75 thread with a 17.5mm flange distance, and offer the same robustness and ease of use as a C-Mount. M40 Mounts feature a M52 x 0.75 thread and provide a robust, large-format mounting solution ideal for high-resolution and larger image sensors with improved mechanical stability and optical performance compared to smaller format mounts. TECHSPEC® CA Series Fixed Focal Length Lenses offer a compact size while accommodating large format sensors, making them ideal for machine vision and [factory automation](#) applications.

These lenses won the [3rd place 2020 Inspect Award](#) and the [Silver-Level 2020 VSD Innovators Award](#).