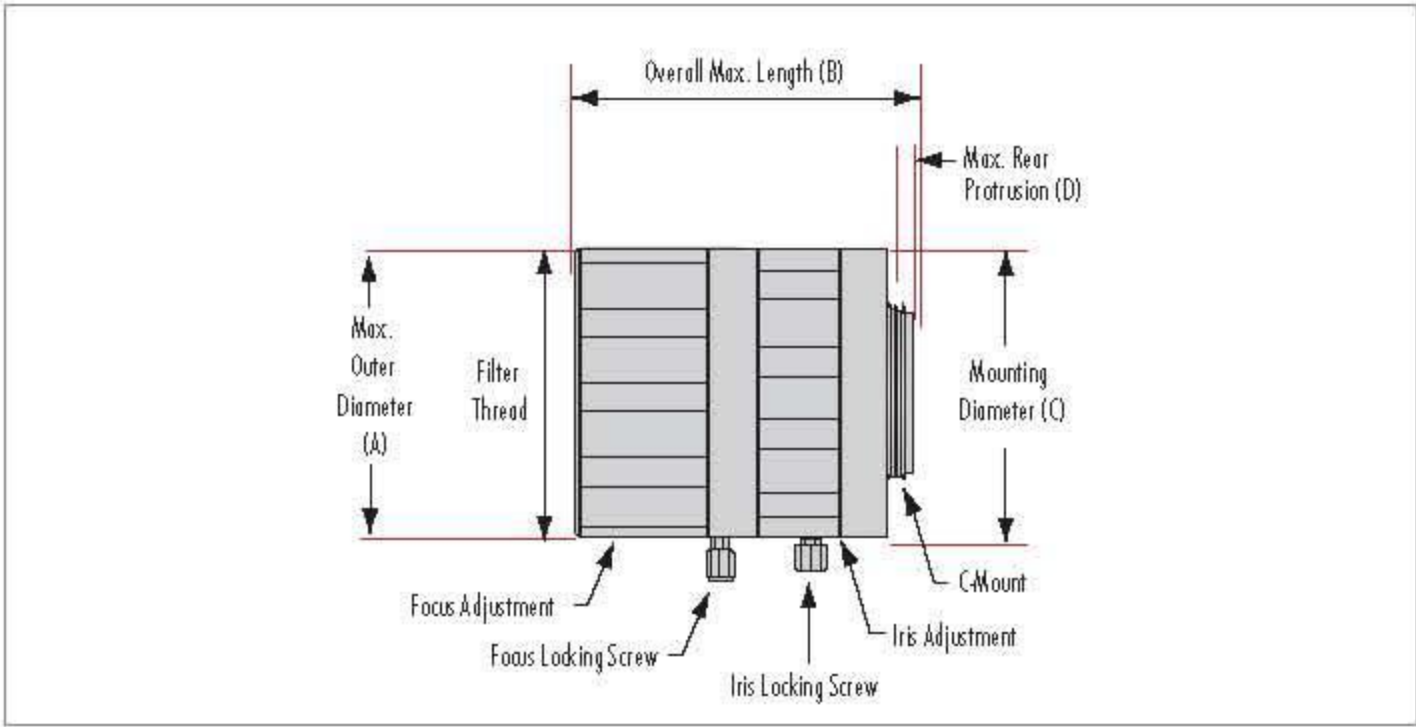


TECHSPEC® COMPACT FIXED FOCAL LENGTH LENSES

- High Resolution Design with Industry Leading Price-to-Performance Ratio
- Ruggedized Tamper-Proof Housing
- Visible and VIS-NIR Options Available

Designed for use in machine vision applications, our TECHSPEC® Compact Fixed Focal Length lenses are ideal for use in factory automation, inspection or qualification. Featuring large maximum apertures, these high performance lenses can be used in even the most restrictive lighting conditions. Each lens has a broadband anti-reflection coating optimized for either Visible or Visible-NIR (up to 1000nm) wavelengths. The TECHSPEC® Compact Fixed Focal Length lenses feature locking iris and focus adjustment with recessed set screws to prevent unintentional lens adjustments.



DIMENSIONS				
Focal Length	A	B	C	D
6mm	36.0mm	48.9mm	35.8mm	1.4mm
8.5mm	32.0mm	34.5mm	32.0mm	0mm
12mm	32.0mm	27.9mm	32.0mm	0.5mm
16mm	33.0mm	37.5mm	33.0mm	1.0mm
25mm	31.0mm	31.2mm	31.0mm	1.3mm
35mm	33.0mm	36.1mm	33.0mm	0mm

TECHSPEC® COMPACT FIXED FOCAL LENGTH LENSES									*Horizontal	**1/4.8" for 6mm
Focal Length	Max Sensor Format	FOV* on 2/3" Sensor**	FOV* on 1/2" Sensor	FOV* on 1/3" Sensor	Working Distance	Aperture (f/#)	Filter Thread	Cognex PN:		
6mm	1/4.8"	141.0mm - 75.4°**	124.0mm - 68.0°	90.0mm - 53.0°	75mm - ∞	F1.4 - F16	M34.0 x 0.5mm	LEC-67709		
8.5mm	2/3"	246.9mm - 60.8°	169.3mm - 43.8°	123.6mm - 32.7°	200mm - ∞	F1.3 - F16	M25.5 x 0.5mm	LEC-58000		
12mm	2/3"	159.4mm - 41.1°	115.0mm - 30.3°	85.9mm - 22.9°	200mm - ∞	F1.8 - F16	M25.5 x 0.5mm	LEC-58001		
16mm	2/3"	61.4mm - 30.9°	44.5mm - 22.7°	33.3mm - 17.1°	100mm - ∞	F1.4 - F16	M25.5 x 0.5mm	LEC-59870		
25mm	2/3"	35.0mm - 19.8°	25.4mm - 14.5°	19.0mm - 10.9°	100mm - ∞	F1.4 - F17	M25.5 x 0.5mm	LEC-59871		
35mm	2/3"	39.3mm - 14.3°	28.5mm - 10.4°	21.4mm - 7.8°	165mm - ∞	F1.65 - F22	M25.5 x 0.5mm	LEC-59872		