

FUJINON
FUJIFILM



WIDE POWER

HD
DIGITAL

Innerfocus

HAC13X4.5B (4.5-59) Zoom Lens

Application	2/3 HD Camera
Zoom Ratio	13X
Focal Length (min) (max)	4.5 - 59mm
Maximum Photometric Aperture T-No.	T1.9
Minimum Object Distance from Image Plane	0.59 m / 1.92 ft
Object Dimensions at M.O.D.	4.5 mm 757x425mm 59mm 56nx 31mm
Angular Field of View	4.5mm 93°38'x61°50' 59mm 9°18'x5°14'
Weight	1.7kg
Full Length	238.5
Iris Gear Pitch	ø 73.6 Module 0.8
Focus Gear Pitch	ø 87.2 Module 0.8
Zoom Gear Pitch	ø 76.8 Module 0.8
Focus Rotation	280°

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The image size of the 2/3" HD camera is 11mm diagonal, which is about 40% of that of a 35mm film format lens (27.26mm). The "CINE SUPER" series has been designed to have the same angular field of view as that of the more common 35mm film format lens so that cinematographers can easily adapt to the Digital Cinema format.

Benefits

- Experience in CCD HD Optical Systems
- High Performance at Wide Apertures
- Constant T-No. (Super E and HA15X)
- Crisp, Sharp and High-Contrast Images
- Minimized Focus Breathing
- Excellent Relative Illumination
- Utilizes Popular Industry Accessories

Super E Series Zoom



Super E Series Prime



Lens Comparison

Super 16 Academy 35

Cine Super E Primes	Super 16	Academy 35
HAeF5	6.6 mm	12.4 mm
HAeF8	10.6 mm	19.8 mm
HAeF10	11.6 mm	24.8 mm
HAeF12	15.9 mm	29.7 mm
HAeF16	21.2 mm	39.6 mm
HAeF20	26.5 mm	49.5 mm
HAeF34	45 mm	84.2 mm
HAeF40	52.9 mm	99 mm
HAeF54	71.43 mm	133.7 mm

Cine Super E Zooms

HAe3x5	6.6~19.8 mm	12.4~37.1 mm
HAe5x6	7.9~39.7 mm	14.9~74.3 mm
HAe10x10	13.2~132.3 mm	24.6~247.5 mm
HAe12x9.5	12.6~150.8 mm	23.5~282.2 mm

Cine Compact C Zooms

HA13x4.5B-10	5.6~78 mm	11.1~146 mm
HA15x7.3B-10	9.7~145.5 mm	18.1~272.3 mm
HA18x7.6B-F	8.8~158 mm	18.8~339 mm

Compact C Series Zoom



Features may vary between models

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