FUJIFILM

FUJINON

Product Name	HF50XA-5M	HF35XA-5M	HF25XA-5M	HF16XA-5M	HF12XA-5M	HF8XA-5M	HF6XA-5M
Focal length [mm]	50 (48.49)	35 (35.16)	25 (25.07)	16 (15.87)	12 (12.4)	8 (8.3)	6 (6.23)
Iris range (F. no)	F2.4-F16	F1.9-F16	F1.6-F16	F1.6-F16	F1.6-F16	F1.6-F16	F1.9-F16
Angle of view (2/3")	10.4°×7.8°	14.2°×10.7°	20.0°×15.0°	31.4°×23.7°	40.1°×30.3°	58.4°×44.6°	74.7°×58.1°
Working distance (from front of lens barrel) [mm]	∞-200	∞-200	∞-100	∞-100	∞-100	∞-100	∞-100
Operation of focus	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Operation of iris	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Filter thread [mm]	M30.5X0.5	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5	M25.5 x 0.5	M37.5 x 0.5
Mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount
Weight (approx.) [g]	95	60	72	71	79	79	100
Sensor size (standerd)	2/3"(3.45um)	2/3"(3.45um)	2/3"(3.45um)	2/3"(3.45um)	2/3"(3.45um)	2/3"(3.45um)	2/3"(3.45um)
Sensor size (max.)	1.1"(4.5.um)	1/1.2"(4.5.um)	1/1.2"(4.5.um)	1/1.2"(4.5.um)	1/1.2"(4.5.um)	2/3"(3.45um)	2/3"(3.45um)
Back focal distance (in air) [mm]	24.48	18.50	13.60	10.66	11.89	9.75	12.46
Flange back [mm]	17.526	17.526	17.526	17.526	17.526	17.526	17.526
Exit pupil position (from image plane) [mm]	-64.87	-37.19	-79.47	-206.22	-123.16	-417.22	-46.78
Front principal point (from Mount)[mm]	-7.88	-6.30	-5.38	-12.33	-24.44	-31.16	-30.92
Rear principal point (from Mount)[mm]	-30.97	-17.63	-7.54	1.65	5.13	9.23	11.30
Distance between the pincipal points[mr	-23.08	-11.33	-2.16	14.13	29.57	40.38	42.22
TV distortion [%]	0.01	0.10	-0.07	-0.60	-1.26	-1.99	-2.88
Dimension [mm]	φ33×.66.5	φ29.5×41.5	φ29.5×46.5	φ29.5×46.0	φ29.5×51.5	φ29.5×51.5	φ39×51
Relative illumination (Aperture: at full open, Image height: at diagonal)[%]	65	50	47	48	45	41	42
Operation Temperature	-10℃～50℃	-10℃～50℃	-10℃～50℃	-10℃～50℃	-10℃～50℃	-10℃～50℃	-10℃～50℃