

FA lens series (VFA9)

LS-VFA9 series · Lenses · 30 models

FA lens series: compact design, adjustable aperture, ultra-high resolution and minimized distortion; supports 1/1.8", 1/1.7", 2/3", 1" sensors, max sensor 1.1"

Features

- Compact design
- Adjustable aperture
- Ultra-high resolution
- High performance with minimized distortion
- Support 1/1.8", 1/1.7", 2/3", 1" sensor, max sensor 1.1"



Common specifications

Mount	C-Mount
Temperature range	10~+50°C
Storage temperature range	20~+60°C

Ordering code: VFA9-<sensor code, e.g. 118 = 1/1.8", 230 = 2/3", 110 = 1", 111 = 1.1">-<resolution MP>M<focal length mm> (as seen in the model list)

Models

Model	Sensor	F.no	Focal length	Field of view H	Field of view V	Field of view D	Distortion
LS-VFA9-118-6M06	1/1.8"	2.8~16	6mm	63.5°	44.8°	74.8°	1.50%
LS-VFA9-118-6M08	1/1.8"	2.8~16	8mm	49.3°	34.0°	58.5°	0.92%
LS-VFA9-118-6M12	1/1.8"	2.8~16	12mm	34.4°	23.4°	41.2°	0.04%
LS-VFA9-118-6M16	1/1.8"	2.8~16	16mm	25.7°	17.5°	31°	0.08%
LS-VFA9-118-6M25	1/1.8"	2.8~16	25mm	16.4°	11.0°	19.8°	0.02%
LS-VFA9-118-6M35	1/1.8"	2.8~16	35mm	11.3°	7.6°	13.8°	0.02%
LS-VFA9-118-6M50	1/1.8"	2.8~16	50mm	8.0°	5.4°	9.7°	0.11%
LS-VFA9-230-5M08	2/3"	1.8~16	8mm	54.8°	46.6°	68.1°	0.32%
LS-VFA9-230-5M12	2/3"	1.8~16	12mm	39°	32.9°	49.8°	0.3%
LS-VFA9-230-5M16	2/3"	1.8~16	16mm	29.5°	24.7°	37.8°	0.1%
LS-VFA9-230-5M25	2/3"	1.8~16	25mm	18.3°	15.3°	24.1°	0.1%
LS-VFA9-230-5M35	2/3"	1.8~16	35mm	12.56°	10.5°	15.82°	0.11%
LS-VFA9-230-5M50	2/3"	1.8~16	50mm	8.84°	7.38°	11.5°	0.16%
LS-VFA9-230-10M08	2/3"	2.8~16	8mm	53.5°	46°	67.2°	0.89%
LS-VFA9-230-10M12	2/3"	2.8~16	12mm	39.7°	27.5°	48.1°	0.02%
LS-VFA9-230-10M16	2/3"	2.8~16	16mm	29.3°	24.7°	37.4°	0.13%
LS-VFA9-230-10M25	2/3"	2.8~16	25mm	18.3°	15.4°	23.9°	0.13%
LS-VFA9-230-10M35	2/3"	2.8~16	35mm	12.8°	10.7°	16.49°	0.13%

LS-VFA9-230-10M50	2/3"	2.8-16	50mm	9.2°	7.7°	11.9°	0.11%
LS-VFA9-111-12M12	1.1"	2.8-16	12mm	59.8°	46.2°	70.5°	0.22%
LS-VFA9-111-12M16	1.1"	2.8-16	16mm	47.6°	36.5°	57.8°	0.18%
LS-VFA9-111-12M25	1.1"	2.8-16	25mm	30.4°	23°	37.3°	0.15%
LS-VFA9-111-12M35	1.1"	2.8-16	35mm	21.4°	15.9°	26.7°	0.02%
LS-VFA9-111-12M50	1.1"	2.8-16	50mm	14.8°	11.2°	18.4°	0.03%
LS-VFA9-111-20M08	1.1"	1:2.8-22	12mm	84.8°	68°	98.4°	<5.5%
LS-VFA9-111-20M12	1.1"	1:2.8-22	12mm	57°	45°	66.7°	<1.5%
LS-VFA9-111-20M16	1.1"	1:2.8-22	16mm	46.3°	36.0°	55.4°	<0.5%
LS-VFA9-111-20M25	1.1"	1:2.8-22	25mm	30.4°	23°	37.6°	<0.1%
LS-VFA9-111-20M35	1.1"	1:2.8-22	35mm	22.6°	17.0°	28.3°	<0.02%
LS-VFA9-111-20M50	1.1"	1:2.8-22	50mm	15.9°	11.9°	19.9°	<0.04%

More values per model (Resolution, Sensor format, Aperture) are on each product page.

