

MVL-MF2518M-5MPE

2/3" 25mm 5MP FA 镜头

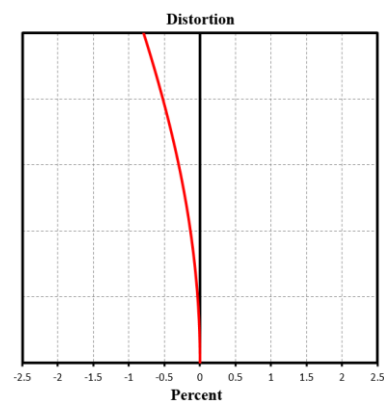
MF-E 系列 FA 镜头针对机器视觉光源和芯片进行优化设计,分辨率高,成像质量优秀,透过率高,稳定性好。固定焦距,手动光圈,外形紧凑。可满足机器视觉行业应用,是工业相机的理想选择。



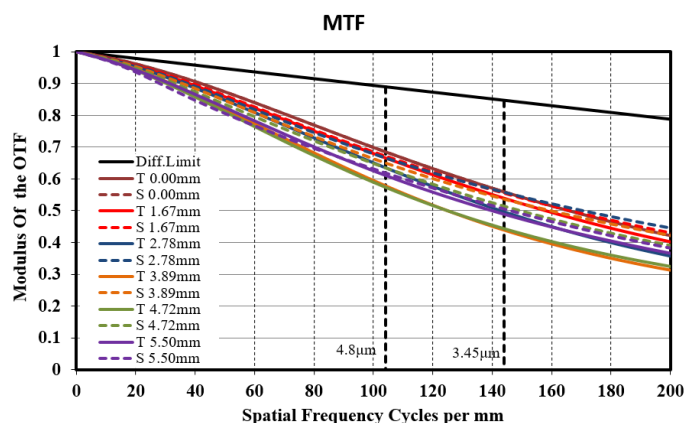
功能特性

- 高分辨率, 画面清晰度一致
- 低畸变, 优异的相对照度
- 消色差设计, 搭配彩色相机成像更佳
- 高低温稳定性出色, 适用于严苛环境
- 微距效果表现优秀, 近距离下光学性能出色

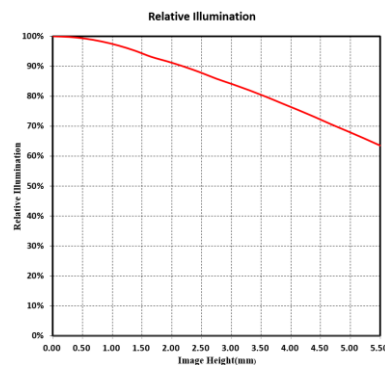
畸变



MTF



相对照度



注: 以上曲线为 F1.8, $\beta=-0.025$, WD=1000 mm 条件下的仿真结果



视野范围

接圈厚度 (mm)	工作距离 (mm)		放大 倍率	视野范围 (mm)					
				2/3"		1/1.8"		1/2"	
				H(8.45mm)	V(7.07mm)	H(7.38mm)	V(4.92mm)	H(6.22mm)	V(4.67mm)
30	near	23.9	-1.320	5.8	4.8	5.1	3.4	4.3	3.2
	far	24.4	-1.260	5.9	4.9	5.1	3.4	4.3	3.2
25	near	27.6	-1.180	6.3	5.3	5.5	3.7	4.7	3.5
	far	28.6	-1.040	6.5	5.4	5.7	3.8	4.8	3.6
20	near	32.9	-0.910	7.1	6.0	6.2	4.1	5.2	3.9
	far	34.9	-0.820	7.4	6.2	6.5	4.3	5.4	4.1
15	near	40.9	-0.710	8.3	6.9	7.3	4.8	6.1	4.6
	far	45.3	-0.610	8.9	7.5	7.8	5.2	6.6	4.9
10	near	55.0	-0.510	10.4	8.7	9.1	6.0	7.6	5.7
	far	66.4	-0.400	12.1	10.1	10.5	7.0	8.9	6.6
5	near	86.1	-0.320	15.0	12.5	13.1	8.7	11.0	8.3
	far	131.0	-0.190	21.6	18.1	18.9	12.6	15.9	11.9
2	near	133.0	-0.200	22.0	18.4	19.2	12.8	16.1	12.1
	far	344.0	-0.070	53.1	44.4	46.4	30.9	39.1	29.3
1	near	164.0	-0.160	26.5	22.2	23.1	15.4	19.5	14.6
	far	780.0	-0.030	117.6	98.4	102.7	68.4	86.5	64.9
0	200		-0.125	66.1	54.8	57.0	38.4	51.2	35.7
	250		-0.100	82.7	68.6	71.2	48.1	64.0	44.6
	300		-0.083	99.2	82.3	85.4	57.7	76.8	53.6
	350		-0.071	115.8	96.0	99.7	67.3	89.6	62.5
	400		-0.063	132.3	109.8	113.9	76.8	102.4	71.4
	450		-0.056	148.9	123.5	128.2	86.5	115.2	80.3
	500		-0.050	165.4	137.3	142.4	96.1	128.0	89.3
	550		-0.045	181.9	151.0	156.6	105.7	140.8	98.2
	600		-0.042	198.5	164.7	170.9	115.4	153.6	107.1
	650		-0.038	215.0	178.4	185.1	124.9	166.4	116.1
	700		-0.036	231.6	192.1	199.4	134.5	179.2	125.0
	800		-0.031	264.7	219.6	227.8	153.8	204.8	142.8
	900		-0.028	297.7	247.1	256.3	172.9	230.4	160.7
	1000		-0.025	330.8	274.5	284.8	192.2	256.0	178.6