



| 2/3" F2.8/50 C Mount | | | | Working distance | Optical Magnification | 2/3" Field of View(mm) | |
|---------------------------|---|-----------------|-----------------|------------------|-----------------------|------------------------|---------------|
| Focal Length | | f=50mm | | | | H | V |
| Max Diameter (Ratio) | | F=1:2.8~16 | | mm | | | |
| Picture Size | | 2/3"(8.8x6.6mm) | 1/2"(6.4x4.8mm) | 1/3"(4.8x3.6mm) | 5000 | 0.011x | 800 600 |
| Angle | H | 10.4° | 8.2° | 6.2° | 3000 | 0.018x | 488.89 366.67 |
| | V | 8.4° | 7.2° | 5.4° | 2000 | 0.027x | 325.93 244.44 |
| | D | 12.3° | 9.6° | 7.2° | 1000 | 0.054x | 162.96 122.22 |
| Distortion (TV) | | -0.1% | -0.1% | -0.1% | 800 | 0.068x | 129.41 97.06 |
| Object Dimension at M.O.D | H | 46.8mm | 35.7mm | 25.5mm | 750 | 0.073x | 120.55 90.41 |
| | V | 35.1mm | 25.5mm | 19.1mm | 700 | 0.078x | 112.82 84.62 |
| | D | 58.5mm | 42.5mm | 31.9mm | 650 | 0.084x | 104.76 78.57 |
| Focus distance(min) | | 0.3M | | 600 | 0.092x | 95.65 71.74 | |
| Flange back | | 17.526mm in air | | 550 | 0.1x | 88 66 | |
| Back focus | | 12.4MM | | 500 | 0.111x | 79.28 59.46 | |
| Filter screw size | | M27xP0.5 | | 450 | 0.123x | 71.54 53.66 | |
| Front/Rear Effective Dia | | φ16.8/φ11.78 | | 400 | 0.139x | 63.31 47.48 | |
| Mount | | C-Mount | | 350 | 0.16x | 55 41.25 | |
| Temperature Range | | -10~+50°C | | 300 | 0.188x | 46.81 35.11 | |
| Storage Temperature Range | | -20~+60°C | | | | | |

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|----|----|-------|----|--|----|---------|--------|--------------|------|
| | | | | TOLERANCE : LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30' DRAFT ANGLES AREA±0.5°/SIDE | | 三角法 | 材料(环保) | 单位 | 比例 |
| | | | | | | | --- | mm | 15:1 |
| | | | | 设计 | | 名称 | 镜头规格书 | | 页码 |
| | | | | 校对 | | | | | 1/1 |
| | | | | 审核 | | | 代号 | FA5010A SPEC | |
| 标记 | 处数 | 更改文件号 | 担当 | 变更日期 | 批准 | | | V0 | |