



Unit: mm

Specification

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|-----------------------|------------|--|--|
| Model | | 1M10048IR-M3.2 | |
| Sensor size | | 1/9 "-OV9734 | |
| Max image circle | | ϕ 2.18 | |
| EFL | | 1.0 | |
| Optical BFL (BFL) | | 1.205±0.2 | |
| Mechanical BFL (MBFL) | | 0.78±0.2 | |
| F/NO | | 4.5~7.0 | |
| Optical BFL(AIR) | | 1.135±0.2 | |
| Mechanical BFL(AIR) | | 0.71±0.2 | |
| View of field | vertical | 54° (Y=0.504 mm) | |
| | horizontal | 97° (Y=0.896 mm) | |
| | diagonal | 120° (Y=1.028 mm) | |
| Optical distortion | | <-40.7% | |
| Relative illumination | | >50% | |
| Construction | | 3P+1 IR | |
| Cut frequency at 50% | | Tabs>90% at 420~630nm T=50% at 650±10nm T<5% at 680~1100nm | |
| Thread | | M3.2XP0.2 | |
| Chief Ray Angle | | <31.8° | |