

# M0824-MPW2

**f=8mm F2.4**  
**for 2/3 type Cameras, 5 Megapixel**  
**C-Mount**

|                            |                       |               |               |                    |                  |          |        |
|----------------------------|-----------------------|---------------|---------------|--------------------|------------------|----------|--------|
| Model No.                  | M0824-MPW2            |               | Effective     | Front              | φ 21.0mm         |          |        |
| Focal Length               | 8mm                   |               | Lens Aperture | Rear               | φ 12.0mm         |          |        |
| Max. Aperture Ratio        | 1:2.4                 |               | Distortion    | 2/3 type           | -1.87%(γ=5.5)    |          |        |
| Max. Image Format          | 8.8mm x 6.6mm(φ 11mm) |               |               | 1/1.8 type         | -1.55%(γ=4.32)   |          |        |
| Operation Range            | Iris                  | F2.4 - F16.0  |               | 1/2 type           | -1.42%(γ=4.0)    |          |        |
|                            | Focus                 | 0.05m - Inf.  |               | Back Focal Length  | 13.7mm           |          |        |
| Control                    | Iris                  | Manual        |               | Flange Back Length | 17.526mm         |          |        |
|                            | Focus                 | Manual        |               | Mount              | C-Mount          |          |        |
| Object Dimension at M.O.D. | 2/3 Type              | 5.4cm x 7.4cm |               | Filter Size        | M30.5 P=0.5mm    |          |        |
|                            | 1/1.8 Type            | 4.3cm x 5.7cm |               | Dimensions         | φ 32mm x 45.71mm |          |        |
|                            | 1/2 Type              | 3.9cm x 5.3cm |               | Weight             | 80.0g            |          |        |
| Angle of View              | D                     | 2/3 Type      | 69.32°        | 1/1.8 Type         | 56.90°           | 1/2 Type | 53.23° |
|                            | H                     |               | 57.80°        |                    | 46.72°           |          | 43.74° |
|                            | V                     |               | 44.36°        |                    | 35.75°           |          | 33.23° |
| Operating Temperature      | -10°C - +50°C         |               |               |                    |                  |          |        |

M.O.D. : Minimum Object Distance

## Dimensions

