

# PMS-45JC10M

4.5 mm FA lens

PMS-45JC10M 4.5 mm fa lens in the 1/1.8-inch FA lenses range. Focal length 4.5 mm; iris range F2.8–16. Focus range 0.1 m–∞.



| Published specifications       |                                                 |
|--------------------------------|-------------------------------------------------|
| Sensor Format                  | 1/1.8"                                          |
| Focal Length                   | 4.5 mm                                          |
| Iris Range                     | F2.8–16                                         |
| Distortion at 1/1.8 inch       | -1.2%@y=4.5 mm                                  |
| Distortion at 1/2 inch         | 1.08%@y=4.0 mm                                  |
| Back Focal Length              | 8.4 mm                                          |
| Lens Mount                     | C-mount                                         |
| Focus Range                    | 0.1 m–∞                                         |
| Operating Temperature          | -20 °C to +60 °C                                |
| FOV at 1/1.8 inch (D×H×V)      | 89.0°×81.9°×52.3°                               |
| FOV at 1/1.2 inch (as printed) | 89.0°×81.9°×52.3°                               |
| Resolution Rating              | 5 MP (model datasheet); 10 MP (general catalog) |

## Published specification notes

The exact-model datasheet specifies 5 MP, while the general catalog and family listing say 10 MP. Both ratings are retained; the model is not presented as a confirmed 10 MP lens. The source also repeats the same field of view under a 1/1.2-inch heading despite its 1/1.8-inch maximum sensor size; that heading is reproduced as printed.

## PMS-45JC10M dimension drawing (mm)

