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## 12mm MPT Series 1.4", 45MP Fixed Focal Length Lens



25mm MPT Series 1.4", 45MP Fixed Focal Length Lens

Stock #25-760 **2 In Stock**

1  MRP ₹1,26,226

Price inclusive of all taxes

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### Volume Pricing

Qty 1+	₹1,26,226 each
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### General

**Product Family:**  
Computar MPT Series Fixed Focal Length Lenses

**Model Number:**  
F1228-MPT

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable Iris

66.30	<b>Length (mm):</b>
56.5	<b>Outer Diameter (mm):</b>
205	<b>Weight (g):</b>
56.5 x 66.3	<b>Dimensions (mm):</b>

## Optical Properties

61.9° x 54.8° (D 76.6°)	<b>Horizontal Field of View, 1.2" Sensor:</b>
60.4° x 46.1° (D 71.6°)	<b>Horizontal Field of View, 1.1" Sensor:</b>
23.10	<b>Maximum Image Circle (mm):</b>
12.00	<b>Focal Length FL (mm):</b>
150 - ∞	<b>Working Distance (mm):</b>
f/2.6 - f/16	<b>Aperture (f/#):</b>
0.13	<b>Distortion (%):</b>
0.13	<b>Maximum Distortion (%):</b>
VIS	<b>Lens Wavelength Range:</b>

## Sensor

1.4"	<b>Maximum Sensor Format:</b>
45.00	<b>Resolution (Megapixels):</b>
2.74	<b>Pixel Size (µm):</b>

## Threading & Mounting

M72.0 x 0.75	<b>Filter Thread:</b>
C-Mount	<b>Mount:</b>

## Environmental & Durability Factors

-10°C to +50°C	<b>Operating Temperature (°C):</b>
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## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
China	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## Product Details

- Ultra-Low Distortion
- Compatible with 45 MegaPixel, 1.4", C-Mount Cameras
- Focal Lengths Ranging from 12mm – 50mm

Computar MPT Series Fixed Focal Length Lenses are engineered to provide a high 45 MegaPixel resolution while maintaining exceptionally low-distortion on large 1.4" imaging sensors such as the Sony IMX350. These lightweight, compact C-Mount lenses are available in focal lengths of 12mm, 16mm, 25mm, 35mm, and 50mm. Field curvature and astigmatism are corrected by positioning the high refractive index glass and low partial dispersion glass at crucial locations. Computar MPT Series Fixed Focal Length Lenses offer high-level aberration correction and precision alignment enabling extraordinary performance across the full 1.4" format sensor. These lenses are ideal for the use in machine vision, factory automation, and wide-area surveillance applications.