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## Zero Aperture, 50mm Max. Aperture, Iris Diaphragm



Stock #53-909 **4 In Stock**

⊖ 1 ⊕ MRP ₹16,546

● Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-9	₹16,546 each
Qty 10-25	₹14,659 each
Qty 26+	₹13,559 each
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### Product Downloads

### General

Unmounted **Type:**

### Physical & Mechanical Properties

50.0 **Maximum Aperture (mm):**

72.0	<b>Outer Diameter (mm):</b>
<b>Construction:</b> Black Anodized Aluminum, Black Spring Steel Leaves, Stainless Steel Pins	
3.00	<b>Lever Diameter (mm):</b>
13.50	<b>Lever Length (mm):</b>
Two Sets of 8	<b>Number of Leaves:</b>
3.3	<b>Spacing of Leaf Layers (mm):</b>
9.10	<b>Thickness (mm):</b>

### Optical Properties

0.00	<b>Minimum Aperture (mm):</b>
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### Regulatory Compliance

<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 247:</b>
Germany	<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

- Provide Total Light Extinction When Closed
- Aperture Sizes Up to 75mm
- Mounted Options Available

Zero Aperture Series Iris Diaphragms are designed and manufactured using the same high-quality movements as our [Standard Series Iris Diaphragms](#) but with the added benefit of total light extinction. This type of control is often used in systems where the dark signal (background noise) must be measured for calibration. For each iris, there are two additional relief leaves (not listed in table) that are not visible. These diaphragms are offered with maximum apertures of 12 – 75mm and have outer diameters ranging from 21 to 102mm. Zero Aperture Series Iris Diaphragms feature two sets of leaves which are mounted on different tiers and are moved by one lever.

For specific OEM application assistance, please contact our [Applications Engineering Department](#).

**Note:** [Iris Diaphragm Mounts](#) sold separately.

### Technical Information

Outer Diameter A	Maximum Aperture B	Minimum Aperture C	Thickness D	Stock No.
102mm	75mm	0mm	9.1mm	<a href="#">#64-506</a>
21mm	12mm		6.2mm	<a href="#">#53-906</a>
29mm	12mm		6.1mm	<a href="#">#62-649</a>
38mm	25mm			<a href="#">#53-907</a>
54mm	37mm		7.5mm	<a href="#">#53-908</a>
72mm	50mm		9.1mm	<a href="#">#53-909</a>
37mm	12mm		6.2mm	<a href="#">#62-653</a>
54mm	25mm		6.1mm	<a href="#">#62-654</a>
67mm	37mm		7.5mm	<a href="#">#62-655</a>
88mm	50mm		9.1mm	<a href="#">#62-656</a>

**Zero Aperture Series Iris Diaphragms**



Units: mm