

100 x 100mm, 2.0mm Spacing, White Ivory Distortion Target



Stock #59-212 [CONTACT US](#)

1 MRP ₹1,95,939

Price inclusive of all taxes

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Volume Pricing

Qty 1-4	₹1,95,939 each
Qty 5+	₹1,86,179 each
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General

Chrome on White Ivory Glass

Type:

NIST Certification:
Serialized NIST Traceable Certificate Included

Physical & Mechanical Properties

Dot Diameter (mm):

1.000	Dot Spacing (mm):
2.000	
	Overall Accuracy (mm):
±0.002	
	Pattern Size (mm):
100 x 100	
	Dimensions (inches):
5 x 5	
	Thickness (mm):
3.20	
	Dot Diameter Tolerance (mm):
± 0.002	
	Dot Spacing Tolerance (mm):
± 0.002 Center to Center	
	Flatness (inches):
0.001	

Optical Properties

	Coating:
Reflective First Surface Chromium R _{abs} = 50% ±5% @ 550nm	
	Substrate: □
White Ivory Soda Lime Glass	
	Optical Density OD (Average):
>3.0	
	Surface Quality:
40-20	

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 240:
United States	Country of Origin:
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	Imported By:

Product Details

- For Distortion Measurement and Calibration of Imaging Systems
- Chrome on Soda Lime Glass or Chrome on White Ivory Glass Versions
- NIST Certificate of Accuracy Included

Fixed Frequency Grid Distortion Targets are used to resolve the often-troublesome distortion factor in measurement applications. It is important to note that no information about the object is actually lost, but merely misplaced in the image when distortion occurs. Using these targets, one can easily determine the precise amount of distortion present and back it out of measurements. The dot center can be located using blob (or centroid) analysis in measurement software. Fixed Frequency Grid Distortion Targets are available in various options each with different dot size/dot frequency combinations. Choose a target based on your field of view or resolution/accuracy requirements. These targets are available in either a chrome on soda lime glass or chrome on white ivory glass to accommodate transmission or reflection-based applications, respectively. Included in the packaging is a serialized NIST Traceable Certificate of Accuracy per MIL-STD-45662A.