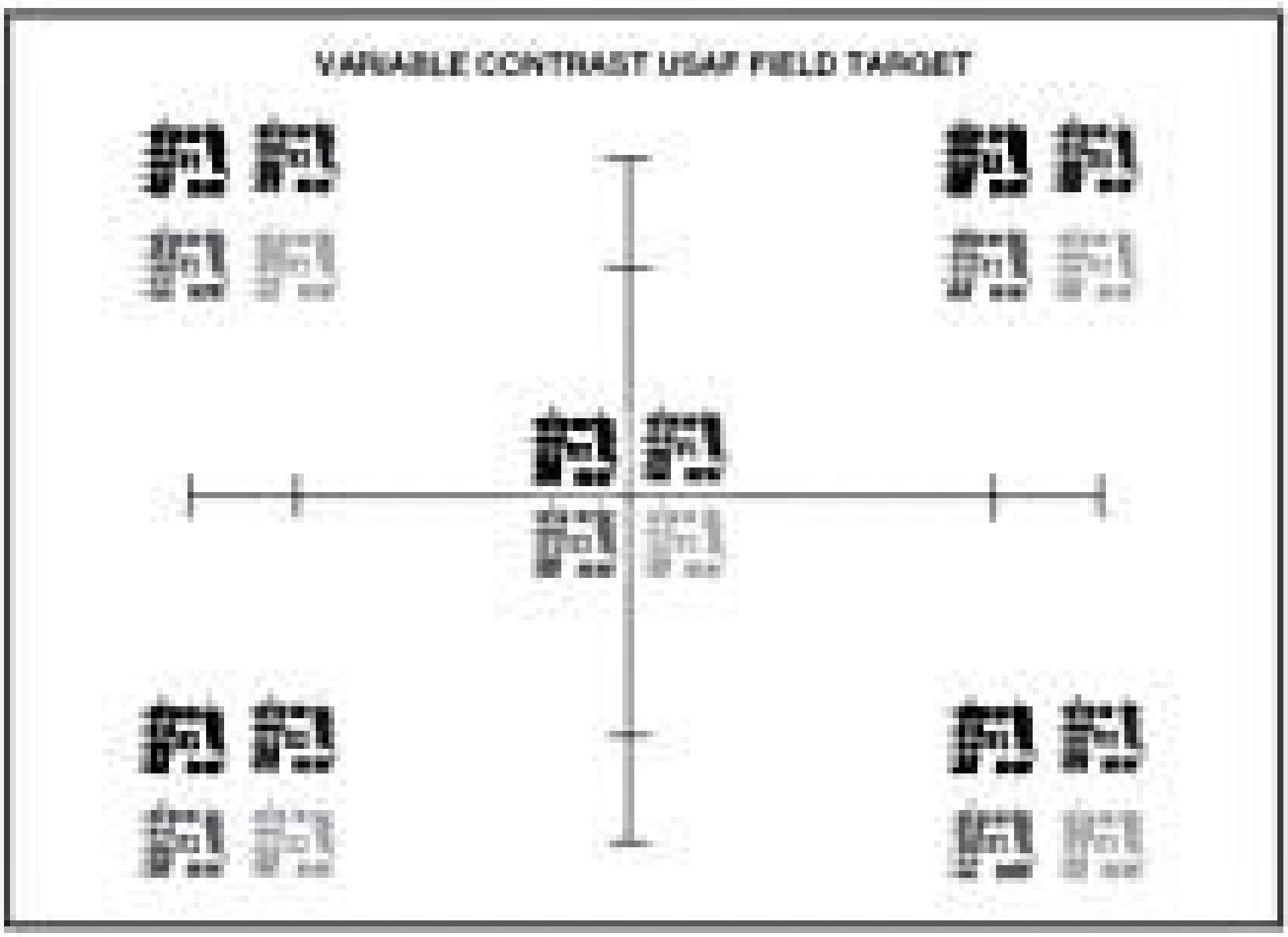
See all 1 Products in Family

8.5" x 11", USAF Resolution Target



Stock **#53-715** **13 In Stock**

- 1 + **MRP** ₹17,311

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-4	**₹17,311** each
Qty 5+	**₹16,503** each
Need More?	Request Quote

Product Downloads

General

NIST Certification:

No

Physical & Mechanical Properties

Dimensions (mm):

280 x 216

Thickness (mm):

0.20

Optical Properties

Substrate:

Photo Paper

Resolution:

Minimum: Group 0 Element 1
Maximum: Group 4 Element 3

Optical Density Steps:

0.2, 0.45, 0.9, 1.45

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 235:

Compliant

Country of Origin:

United States

Imported By:

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

Product Details

- Arranged on a 4:3 Aspect Ratio to Measure Resolution as a Function of Field
- Each Section Contains Four USAF Targets of Varying Density Levels

Since imaging systems are often classified in terms of resolution and contrast, our photograhic paper targets allow users to evaluate their systems using the standard USAF format for resolution measurements at different contrast levels. For example, they are useful when lens designers develop lens systems to provide high contrast at low resolution, but neglect contrast at higher resolutions. They prove handy when two lens designs have the same limiting resolution, but drastically different contrast performance at lower resolutions. By imaging targets of various contrast, the user can make qualitative comparisons between lenses as well as evaluate the performance of the system for objects with varying or low contrast levels.

Technical Information

Element	Group No.				
	0	1	2	3	4
1	1.00	2.00	4.00	8.00	16.00
2	1.12	2.24	4.49	8.98	17.95
3	1.26	2.52	5.04	10.10	20.16
4	1.41	2.83	5.66	11.3	22.6
5	1.59	3.17	6.35	12.7	25.4
6	1.78	3.56	7.13	14.3	28.5

;