

Fiber Optic Faceplate, 75 x 50 x 5mm



Fiber Optic Faceplates

Stock **#55-143** [CONTACT US](#)

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+

₹1,29,620

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Volume Pricing	
Qty 1-4	₹1,29,620 each
Qty 5+	₹1,14,175 each
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General

75 / 25

Core/ Clad Ratio:

Physical & Mechanical Properties

75 x 50 x 5

Dimensions (mm):

±0.1

Thickness Tolerance (mm):

Dimensional Tolerance (mm):

±0.2	
Optical Properties	
1.00	Distortion (%):
Schott 47A Glass with EMA	Substrate: ☐
1.00	Numerical Aperture NA:
102 lp/mm	Resolution:
80-50	Surface Quality:
6.00	Resolving Power (μm):
Material Properties	
6.8	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):
Environmental & Durability Factors	
-10 to +300	Operating Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Coherent Arrangement of Fibers
 - Made with EMA Fibers to Absorb Light
 - Round-to-Round or Round-to-Rectangular Tapers Types Available
- Fiber Optic Tapers utilize a coherent fiber optic plate that transmits either a magnified or reduced image from its input surface to its output surface. These low distortion tapers are made with EMA Fibers to absorb light and are optimized for 1/2" or 2/3" sensor chip sizes. Magnification is a ratio of the diameters of the large and small ends of the tapers. Typical applications include image magnification or reduction, sensor coupling, fluoroscopy, and light sensors.
- Fiber Optic Faceplates transmit images from input surface to output surface using coherent fibers. Common uses include CRT/LCD displays, sensor coupling, X-ray imaging and image intensification. All tapers and faceplates are suitable for visible and NIR applications and feature beveled edges.