

12.5mm Square IR Cut-Off Filter



Stock #55-235 **20+ In Stock**

- 1 + MRP ₹4,364

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-24	₹4,364 each
Qty 25-49	₹3,911 each
Need More?	Request Quote

Product Downloads

General

IR Cut-Off Filter **Type:**

Physical & Mechanical Properties

12.5 x 12.5 **Dimensions (mm):**

12.50 **Length (mm):**

Thickness (mm):

1.10 ±0.25

Width (mm):

12.50

Dimensional Tolerance (mm):

±0.25

Clear Aperture (%):

≥90

Edges:

Seamed

Optical Properties

Cut-Off Wavelength (nm):

710.00

Substrate:

BOROFLOAT®

Coating:

Traditional Coated

Index of Refraction (n_d):

1.472

Surface Quality:

80-50

Coating Specification:

Surface 1: T=50% @ 710±30nm, T_{avg} >85% @ 480 - 680nm, T_{avg} <10% @ 740 - 1200nm
Surface 2: N4 MgF₂

Wavelength Range (nm):

480 - 1200

Environmental & Durability Factors

Operating Temperature (°C):

<250

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

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

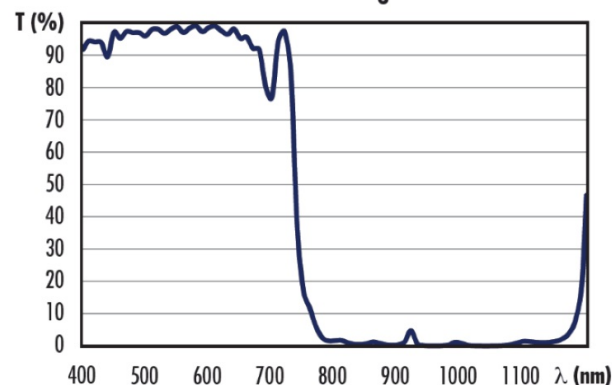
Product Details

- 710nm Cut-Off Wavelength
- Circular and Rectangular Options
- Various Sizes Available

IR Cut-Off Filters are ideal for eliminating illumination beyond the visible spectrum in many visual and detector-based applications. These filters feature a 710nm cut-off wavelength. IR Cut-Off Filters are traditionally coated and have a BOROFLOAT® substrate. BOROFLOAT® is about three times more resistant to thermal shock than standard soda lime glass. IR Cut-Off Filters are available in circular and rectangular versions with various sizes for each.

Technical Information

IR Cutoff Filter Coating Performance



Quote Your Size

Compatible Mounts

;