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12.5mm Diameter IR Cut-Off Filter



Stock #55-234 [CONTACT US](#)

- 1 + £34.⁶⁰

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Volume Pricing	
Qty 1-24	£34.60 each
Qty 25-49	£31.00 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

IR Cut-Off Filter **Type:**

Physical & Mechanical Properties

12.50 ±0.25 **Diameter (mm):**

1.10 ±0.25 **Thickness (mm):**

Clear Aperture (%):

≥90

Edges:

Ground

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 241:

[Compliant](#)

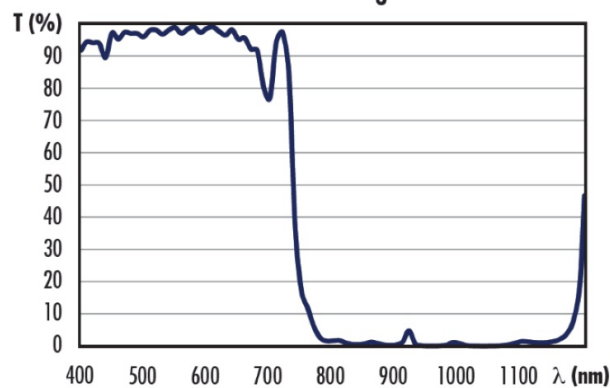
Product Details

- 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](#)