

12.5mm Diameter IR Cut-Off Filter



Stock #55-234 **20+ In Stock**

€43²⁵

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Volume Pricing	
Qty 1-24	€43,25 each
Qty 25-49	€38,75 each
Need More?	Request Quote

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](#)

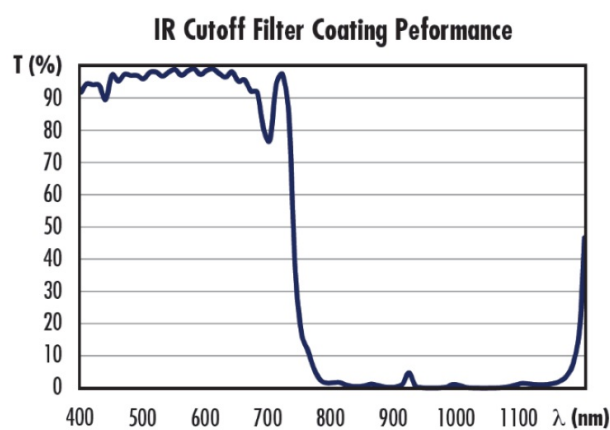
REACH 241:
[Compliant](#)

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



[Quote Your Size](#)

[Compatible Mounts](#)