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50mm Square IR Cut-Off Filter



Stock #54-516 **5 In Stock**

- 1 + £76⁴⁰

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Volume Pricing

Qty 1-24	£76.40 each
Qty 25-49	£69.20 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

50.0 x 50.0 **Dimensions (mm):**

50.00 **Length (mm):**

3.30 ±0.25	Thickness (mm):
50.00	Width (mm):
±0.76	Dimensional Tolerance (mm):
≥90	Clear Aperture (%):
Seamed	Edges:

Optical Properties

710.00	Cut-Off Wavelength (nm):
BOROFLOAT®	Substrate: <input type="checkbox"/>
Traditional Coated	Coating:
1.472	Index of Refraction (n_d):
80-50	Surface Quality:
Coating Specification: Surface 1: T=50% @ 710±30nm, T _{avg} >85% @ 480 - 680nm, T _{avg} <10% @ 740 - 1200nm Surface 2: N ₄ MgF ₂	
480 - 1200	Wavelength Range (nm):

Environmental & Durability Factors

<250	Operating Temperature (°C):
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Regulatory Compliance

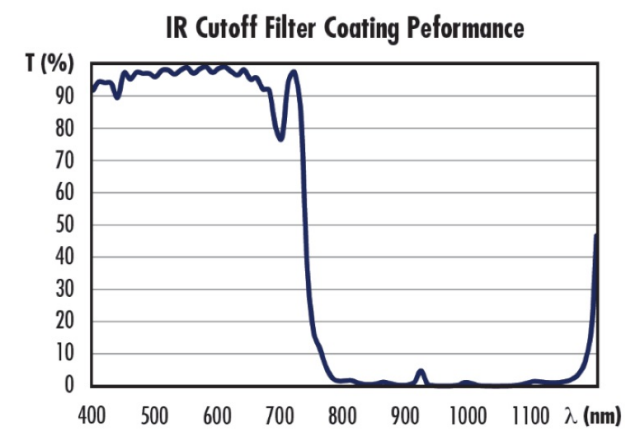
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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



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[Compatible Mounts](#)

