

## 50mm Diameter IR Cut-Off Filter



Stock #54-517 **20+ In Stock**

£76<sup>40</sup>

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

50.00 ±0.25 Diameter (mm):

3.30 ±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<sub>d</sub>):

1.472

Surface Quality:

80-50

Coating Specification:

Surface 1: T=50% @ 710±30nm, T<sub>avg</sub> >85% @ 480 - 680nm, T<sub>avg</sub> <10% @ 740 - 1200nm  
Surface 2: N4 MgF<sub>2</sub>

Wavelength Range (nm):

480 - 1200

## Environmental & Durability Factors

Operating Temperature (°C):

<250

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 247:

[Compliant](#)

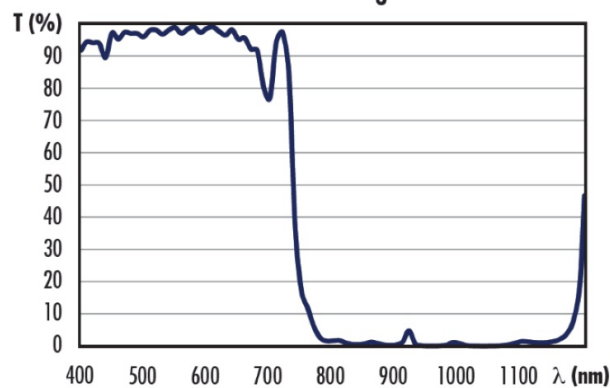
## Product Details

- 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](#)