

50mm Square IR Cut-Off Filter



Stock **#54-516** 9 In Stock

-

1

+

S\$133^{.70}

ADD TO CART

Volume Pricing	
Qty 1-24	S\$133.70 each
Qty 25-49	S\$121.10 each
Need More?	Request Quote

Product Downloads

General

Type:

IR Cut-Off Filter

Physical & Mechanical Properties

Dimensions (mm):

50.0 x 50.0

Length (mm):

50.00

Thickness (mm):

3.30 ±0.25

50.00	Width (mm):
±0.76	Dimensional Tolerance (mm):
≥90	Clear Aperture (%):

Seamed	Edges:
--------	--------

Optical Properties

710.00	Cut-Off Wavelength (nm):
BOROFLOAT®	Substrate: 

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: <i>N</i> /4 MgF ₂	
---	--

480 - 1200	Wavelength Range (nm):
------------	------------------------

Environmental & Durability Factors

<250	Operating Temperature (°C):
------	-----------------------------

Regulatory Compliance

Compliant	RoHS 2015:
---------------------------	------------

View	Certificate of Conformance:
----------------------	-----------------------------

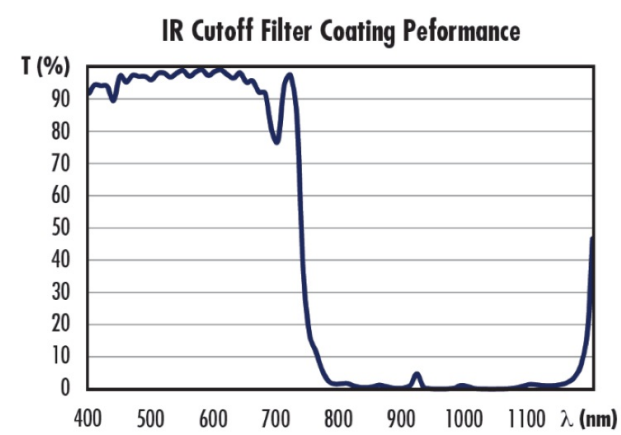
Compliant	Reach 247:
---------------------------	------------

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



Quote Your Size

Compatible Mounts

