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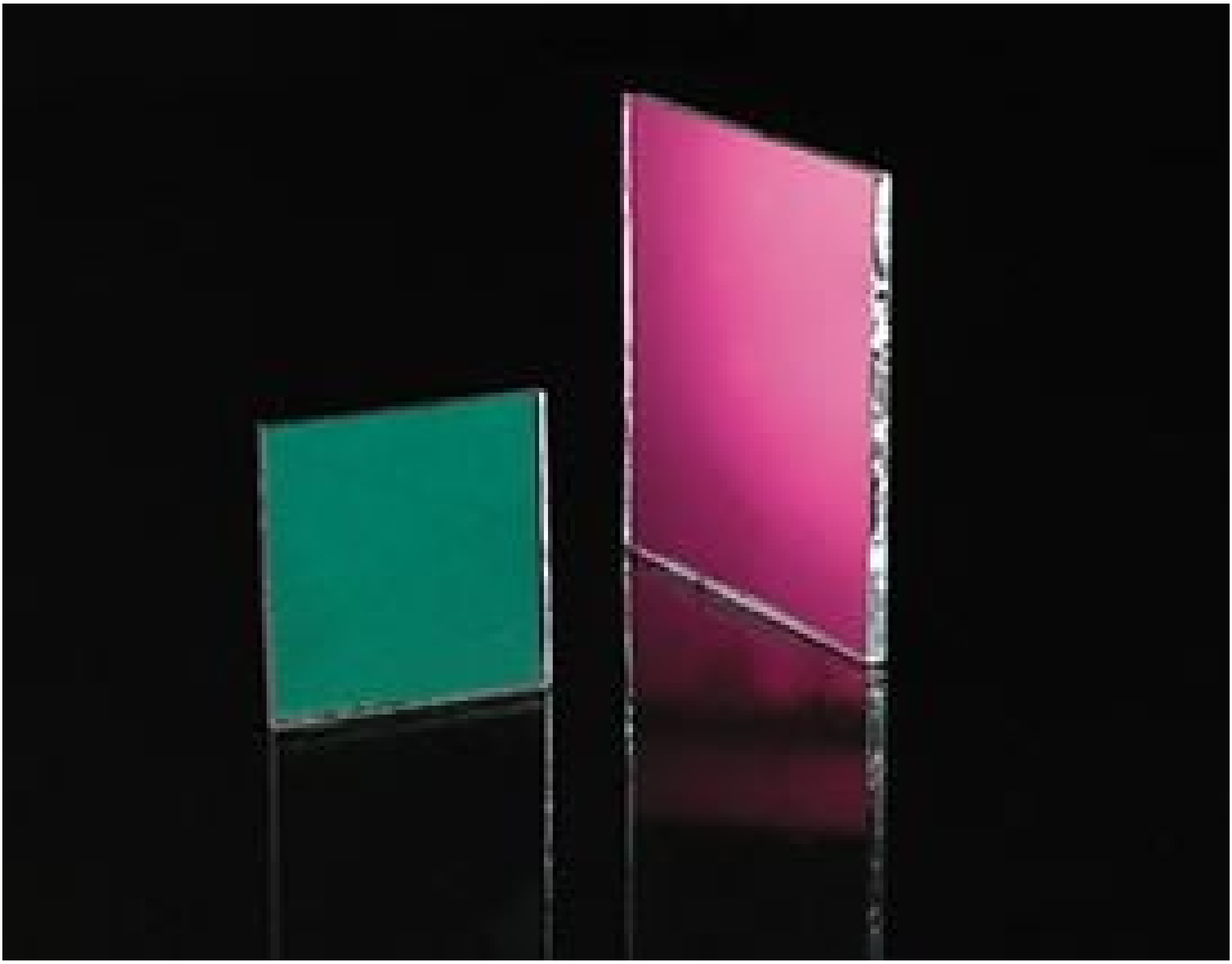
12.5mm Square IR Cut-Off Filter



Stock **#55-235** **20+ In Stock**

- 1 + **€43**.25

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Volume Pricing	
Qty 1-24	**€43,25** each
Qty 25-49	**€38,75** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

IR Cut-Off Filter

Physical & Mechanical Properties

Dimensions (mm):

12.5 x 12.5

Length (mm):

12.50

Thickness (mm):
1.10 ±0.25

Width (mm):
12.50

Dimensional Tolerance (mm):
±0.25

Clear Aperture (%):
≥90

Edges:
Seamed

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: λ/4 MgF_2

Wavelength Range (nm):
480 - 1200

Environmental & Durability Factors

Operating Temperature (°C):
<250

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

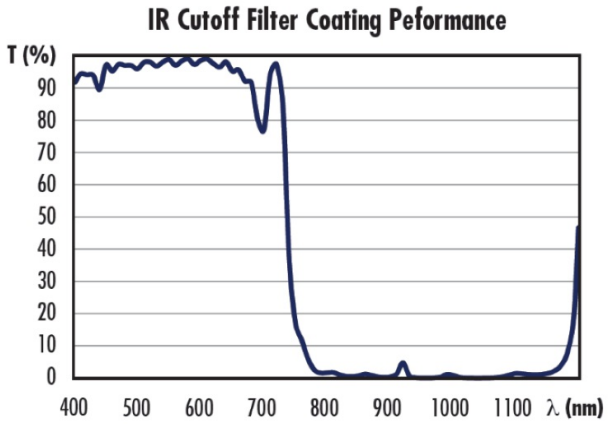
Reach 247:
Compliant

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



Quote Your Size

Compatible Mounts

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