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Infrared (IR) Longpass Filters



- Coated on Silicon or Germanium Substrates
- Ideal for Isolating Broad Spectral Regions
- Durable, First-Surface Coatings
- **Due to material supply chain disruptions with germanium, there may be increased lead times and price changes on our germanium products. For more information, please contact our customer service team.**

Common Specifications

General

Note: Transmission at cut-on wavelength is 5% of peak transmission.

Physical & Mechanical Properties

Thickness (mm): 1.00 ±0.2

Parallelism (arcmin): <10

Clear Aperture (%): 90

Optical Properties

Optical Density OD (Average): ≥3.0

Coating: Traditional Coated

Surface Quality: 80-50

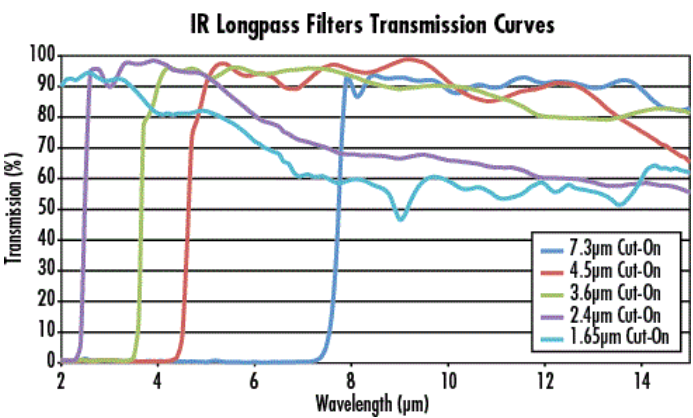
Transmission (%): >85

Surface Flatness (P-V): 3 - 5λ

Environmental & Durability Factors

Operating Temperature (°C): -62 to +71

Technical Information



Products

Dia. (mm)	Cut-On Wavelength (nm)	Blocking Wavelength Range (nm)	Thickness (mm)	Transmission Wavelength (nm)	Stock Number	Price	Buy
12.50	1,050.00	200 - 1050	1.00	1100 - 2100	#33-967	£128.70 Volume Pricing	7 In Stock
25.00	1,050.00	200 - 1050	1.00	1100 - 2100	#68-651	£272.28 Volume Pricing	4 In Stock
50.00	1,050.00	200 - 1050	1.00	1100 - 2100	#68-657	£395.73 Volume Pricing	3 In Stock
12.50	1,650.00	200 - 1650	1.00	1730 - 3300	#33-968	£144.46 Volume Pricing	6 In Stock
25.00	1,650.00	200 - 1650	1.00	1730 - 3300	#68-652	£293.29 Volume Pricing	5 In Stock
50.00	1,650.00	200 - 1650	1.00	1730 - 3300	#68-658	£427.24 Volume Pricing	3 In Stock
12.50	2,400.00	200 - 2400	1.00	2520 - 4800	#33-969	£154.96 Volume Pricing	Contact Us
25.00	2,400.00	200 - 2400	1.00	2520 - 4800	#68-653	£303.80 Volume Pricing	6 In Stock
50.00	2,400.00	200 - 2400	1.00	2520 - 4800	#68-659	£459.64 Volume Pricing	Contact Us
12.50	3,600.00	200 - 3600	1.00	3780 - 7200	#33-970	£367.71	Contact Us
50.00	3,600.00	200 - 3600	1.00	3780 - 7200	#68-660	£1,133.77	2 In Stock
12.50	4,500.00	200 - 4500	1.00	4730 - 9000	#33-971	£367.71	5 In Stock
50.00	4,500.00	200 - 4500	1.00	4730 - 9000	#68-661	£1,133.77	1 In Stock
12.50	6,000.00	200 - 6000	1.00	6300 - 12000	#36-150	£367.71	3 In Stock

[#36-151 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

25.00 6,000.00 200 - 6000 1.00 6300 - 12000

£643.49

[Contact Us](#)

50.00 6,000.00 200 - 6000 1.00 6300 - 12000

[#36-152](#)

£1,133.77

2 In Stock

12.50 7,300.00 200 - 7300 1.00 7670 - 14600

[#33-972](#)

£367.71

3 In Stock

[#68-656 Clearance](#)



Clearance

Availability
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products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

25.00 7,300.00 200 - 7300 1.00 7670 - 14600

£643.49

1 In Stock



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50.00 7,300.00 200 - 7300 1.00 7670 - 14600

[#68-662](#)

£1,133.77

1 In Stock