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## TECHSPEC® Germanium (Ge) Windows



- Uncoated or with AR Coatings Designed for a Variety of IR Ranges
- Minimal Chromatic Aberration Due to Low Dispersion
- Ideal for Infrared Applications Requiring Rugged Optics
- [DLC Coated Germanium Windows](#) are also Available
- 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](#).
- Edmund Optics has limited remaining inventory of this part number and no raw material available to supply more once this is depleted. Please contact our Product Support Engineers to help with an alternate solution for your needs. Customer Service can provide you the latest price and availability.

### Common Specifications

#### Physical & Mechanical Properties

<b>Bevel:</b>	Protective as needed	<b>Knoop Hardness (kg/mm<sup>2</sup>):</b>	780.00
<b>Poisson's Ratio:</b>	0.28	<b>Young's Modulus (GPa):</b>	102.7

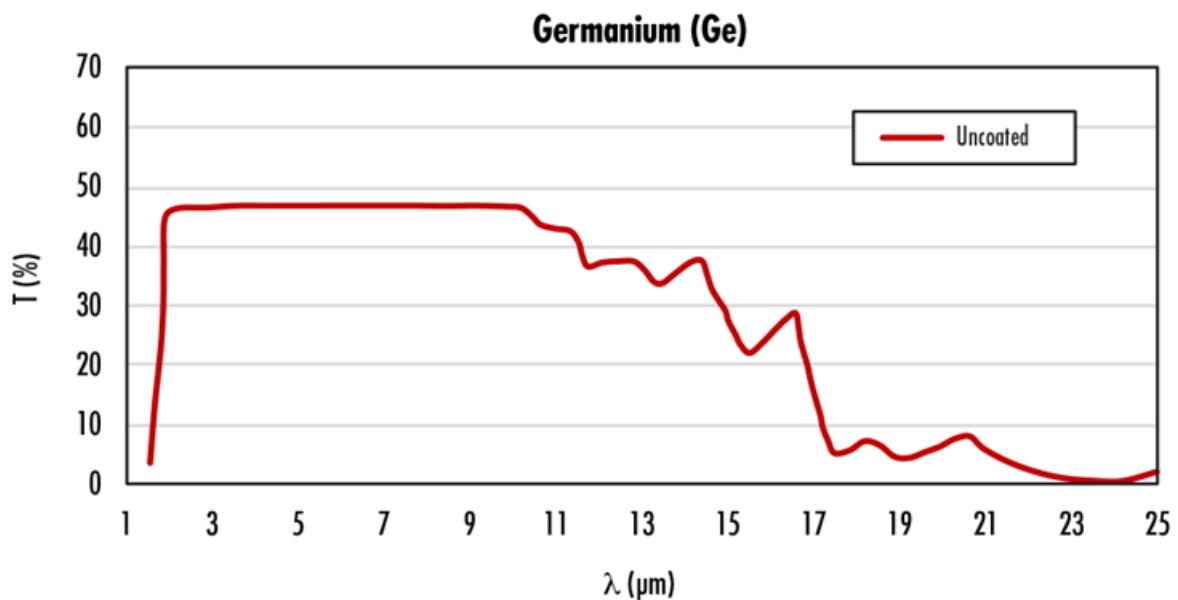
#### Optical Properties

<b>Substrate:</b>	Germanium (Ge)
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#### Material Properties

<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>	6.1
<b>Density (g/cm<sup>3</sup>):</b>	5.33

## Technical Information



## Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
10.00	1.50	Uncoated	<a href="#">#68-734</a>	₹32,625	20+ In Stock
10.00	1.50	BBAR (3000- 5000nm)	<a href="#">#89-558</a>	₹46,110	10 In Stock
10.00	1.50	BBAR (3000- 12000nm)	<a href="#">#62-643</a>	₹46,110	4 In Stock
10.00	1.50	BBAR (8000- 12000nm)	<a href="#">#47-685</a>	₹46,110	20+ In Stock
12.50	1.00	Uncoated	<a href="#">#83-341</a>	₹36,888	20+ In Stock
12.50	1.00	BBAR (3000- 12000nm)	<a href="#">#83-347</a>	₹50,460	Contact Us
12.50	1.00	BBAR (8000- 12000nm)	<a href="#">#83-353</a>	₹50,460	20+ In Stock
12.50	2.00	Uncoated	<a href="#">#68-735</a>	₹37,845	Contact Us
12.50	2.00	BBAR (3000- 5000nm)	<a href="#">#89-560</a>	₹51,330	Contact Us
12.50	2.00	BBAR (8000- 12000nm)	<a href="#">#47-686</a>	₹51,330	20+ In Stock
12.50	3.00	BBAR (3000- 5000nm)	<a href="#">#89-561</a>	₹52,200	Contact Us

[#74-430 Clearance](#)



Clearance

12.70	3.00	Uncoated	<p>Availability is limited, so buy before these products disappear.</p> <p>Sorry, we cannot accept returns.</p> <p>Receive up to 80% off select products.</p>	₹41,586	6 In Stock
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[#74-433 Clearance](#)



Clearance

12.70	3.00	AR Coated: 7 - 12 µm	<p>Availability is limited, so buy before these products disappear.</p> <p>Sorry, we cannot accept returns.</p> <p>Receive up to 80% off select products.</p>	₹52,200	5 In Stock
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20.00	2.00	Uncoated	<a href="#"><u>#68-736</u></a>	₹45,240	20+ In Stock
20.00	2.00	BBAR (3000-5000nm)	<a href="#"><u>#89-562</u></a>	₹59,595	15 In Stock
20.00	2.00	BBAR (8000-12000nm)	<a href="#"><u>#63-213</u></a>	₹59,595	20+ In Stock
25.00	1.00	Uncoated	<a href="#"><u>#83-343</u></a>	₹49,590	4 In Stock
25.00	2.00	BBAR (3000-5000nm)	<a href="#"><u>#89-564</u></a>	₹73,950	6 In Stock
25.00	3.00	Uncoated	<a href="#"><u>#68-737</u></a>	₹53,070	20+ In Stock
25.00	3.00	BBAR (3000-5000nm)	<a href="#"><u>#89-565</u></a>	₹75,690	12 In Stock

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25.00	5.00	Uncoated	<a href="#">#23-139</a>	₹56,550	20+ In Stock
25.00	5.00	BBAR (8000-12000nm)	<a href="#">#23-154</a>	₹78,735	4 In Stock
25.40	3.00	Uncoated	<a href="#">#11-862</a>	₹50,025	10 In Stock
25.40	3.00	BBAR (3000-5000nm)	<a href="#">#11-865</a>	₹75,690	2 In Stock
25.40	3.00	BBAR (8000-12000nm)	<a href="#">#11-871</a>	₹75,690	1 In Stock

[#74-431 Clearance](#)



Clearance

25.40	5.00	Uncoated	<p>Availability is limited, so buy before these products disappear.</p> <p>Sorry, we cannot accept returns.</p> <p>Receive up to 80% off select products.</p>	₹53,070	20+ In Stock
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[#74-432 Clearance](#)



Clearance

25.40	5.00	AR Coated: 1.9 - 6 µm	<p>Availability is limited, so buy before these products disappear.</p> <p>Sorry, we cannot accept returns.</p> <p>Receive up to 80% off select products.</p>	₹75,690	4 In Stock
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[#74-434 Clearance](#)



Clearance

25.40	5.00	AR Coated: 7 - 12 $\mu$ m	<p>Availability is limited, so buy before these products disappear.</p> <p>Sorry, we cannot accept returns.</p> <p>Receive up to 80% off select products.</p>	₹52,200	2 In Stock
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30.00	1.00	Uncoated	<a href="#"><u>#23-140</u></a>	₹63,075	11 In Stock
30.00	3.00	BBAR (8000- 12000nm)	<a href="#"><u>#63-214</u></a>	₹89,610	Contact Us
40.00	2.00	Uncoated	<a href="#"><u>#23-141</u></a>	₹94,830	20+ In Stock
40.00	4.00	Uncoated	<a href="#"><u>#68-739</u></a>	₹1,01,355	20+ In Stock
40.00	4.00	BBAR (3000- 5000nm)	<a href="#"><u>#89-567</u></a>	₹1,22,670	4 In Stock
40.00	4.00	BBAR (8000- 12000nm)	<a href="#"><u>#63-215</u></a>	₹1,22,670	Contact Us
50.00	1.00	Uncoated	<a href="#"><u>#83-345</u></a>	₹1,20,060	13 In Stock
50.00	1.00	BBAR (3000- 5000nm)	<a href="#"><u>#89-568</u></a>	₹1,52,685	3 In Stock
50.00	2.00	BBAR (3000- 5000nm)	<a href="#"><u>#89-569</u></a>	₹1,54,860	14 In Stock
50.00	2.00	BBAR (8000- 12000nm)	<a href="#"><u>#83-358</u></a>	₹1,52,685	Contact Us
50.00	3.00	Uncoated	<a href="#"><u>#68-740</u></a>	₹1,24,845	20+ In Stock
75.00	3.00	Uncoated	<a href="#"><u>#23-143</u></a>	₹2,23,155	Contact Us
75.00	5.00	Uncoated	<a href="#"><u>#68-741</u></a>	₹2,46,210	Contact Us

76.20	5.00	BBAR (3000- 5000nm)	<a href="#">#11-867</a>	₹2,78,835	5 In Stock
100.00	6.00	Uncoated	<a href="#">#17-669</a>	₹4,49,790	8 In Stock



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