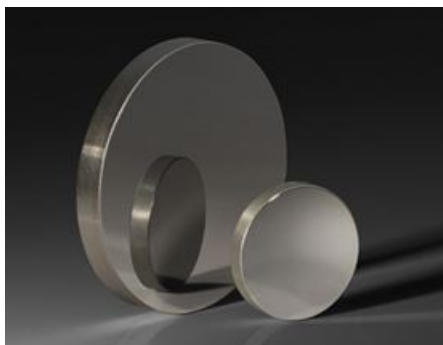


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ISP Optics Germanium (Ge) Wedged Windows See More by [ISP Optics](#)



- 30 Arcmin Wedge
- High Transmission from 2 – 10 μ m
- Ideal for Infrared Applications Requiring Rugged Optics
- [Precision Flat Germanium Windows](#) 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](#).

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Clear Aperture (%):	85
Edges:	Fine Ground	Knoop Hardness (kg/mm²):	780
Poisson's Ratio:	0.28	Young's Modulus (GPa):	102.7

Optical Properties

Coating:	Uncoated	Substrate:	Germanium (Ge)
Surface Quality:	60-40	Wavelength Range (nm):	2000 - 14000

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	6.1	Density (g/cm³):	4.84
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Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Wedge Angle	Stock Number	Price	Buy
38.10	5.00	Uncoated	30' ±15'	#24-581	₹44,460	10 to 12 days
50.80	6.00	Uncoated	30'	#16-811	₹94,500 Qty 11+ ₹85,050	10 to 12 days



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