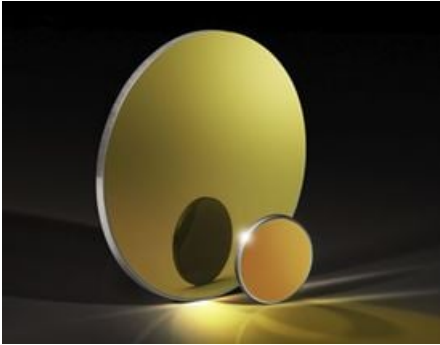


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# ISP Optics Diamond-Like Carbon (DLC) Coated Silicon Windows

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- Meets Severe Abrasion Requirements of MIL-F-48616 and MIL-C-48497C
- High Transmission from 3 – 5 $\mu$ m
- Ideal for Harsh Environments
- [Diamond-Like Carbon \(DLC\) Coated Germanium Windows](#) Also Available

# Common Specifications

## General


Note:	Arrow on substrate edge points towards DLC coated surface
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Physical & Mechanical Properties			
Bevel:	Protective as needed		
Clear Aperture (%):	85	Edges:	Fine Ground
Knoop Hardness (kg/mm <sup>2</sup> ):	1,150.00	Parallelism (arcmin):	<3

Optical Properties			
Coating:	S1: DLC Coating S2: BBAR (3000-5000nm)	Substrate:	<a href="#">Silicon (Si)</a>
Surface Flatness (P-V):	λ/10 @ 10.6μm	Surface Quality:	40-20
Wavelength Range (nm):	3000 - 5000		

## Technical Information

## Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
<a href="#">#16-816 Clearance</a>					
					
25.40	2.00	S1: DLC Coating S2: BBAR (3000- 5000nm)	Clearance  Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£255.20	4 In Stock
<a href="#">#24-647 Clearance</a>					
					
38.10	2.00	S1: DLC Coating S2: BBAR (3000- 5000nm)	Clearance  Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£349.60	5 In Stock

[#16-818 Clearance](#)



76.20	3.00	S1: DLC Coating S2: BBAR (3000- 5000nm)	Clearance  Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	£992.00	4 In Stock
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