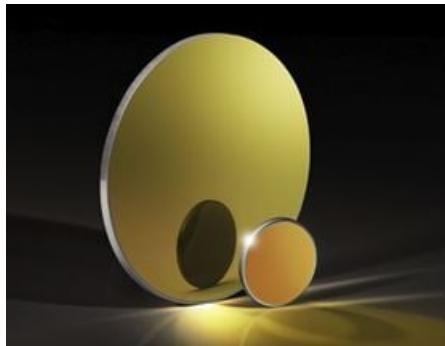


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ISP Optics Diamond-Like Carbon (DLC) Coated Silicon Windows

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- Meets Severe Abrasion Requirements of MIL-F-48616 and MIL-C-48497C
- High Transmission from 3 – 5 μ 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

Physical & Mechanical Properties

Bevel: Protective as needed

Clear Aperture (%):	85	Edges:	Fine Ground
Knoop Hardness (kg/mm²):	1,150.00	Parallelism (arcmin):	<3

Optical Properties

Coating: S1: DLC Coating S2: BBAR (3000-5000nm)	Substrate: Silicon (Si)		
Surface Flatness (P-V): $\lambda/10$ @ 10.6 μm	Surface Quality: 40-20		
Wavelength Range (nm): 3000 - 5000			

Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
<u>#16-816 Clearance</u>					
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.	S\$446.60	4 In Stock
<u>#24-647 Clearance</u>					
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.	S\$611.80	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.	S\$1,736.00 4 In Stock



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