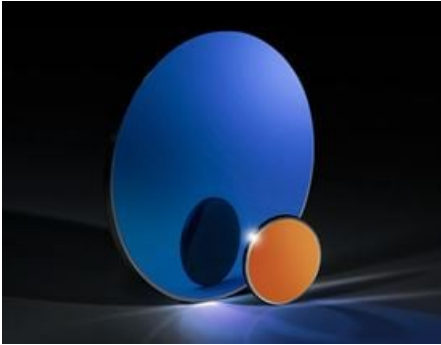


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## ISP Optics Silicon (Si) Windows See More by [ISP Optics](#)




- Transmission from 1.2 - 7 $\mu$ m
- Available Uncoated or HDAR Coated for 3 - 5 $\mu$ m
- Ideal for Weight Sensitive Applications


# Common Specifications

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	Poisson's Ratio:	0.27
Young's Modulus (GPa):	140		
Optical Properties			
Index of Refraction (n <sub>d</sub> ):	3.422 @ 5μm		
Substrate:	<a href="#">Silicon (Si)</a>	Surface Flatness (P-V):	2λ
Surface Quality:	40-20		
Material Properties			
Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /°C):		2.55	
Density (g/cm <sup>3</sup> ):		2.33	

## Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Model Number	Stock Number	Price	Buy
<a href="#">#24-623 Clearance</a>						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	1.00	Uncoated	SI-W-12-1		£72.21	20+ In Stock

<a href="#">#24-624 Clearance</a>						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	2.00	Uncoated	SI-W-12-2		£72.21	15 In Stock

[#24-638 Clearance](#)



Clearance

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

25.40

1.00

BBAR  
(3000-  
5000nm)

HDAR35-  
SI-W-25-  
1

£91.76

14 In Stock

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[#24-641 Clearance](#)



Clearance

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

25.40

5.00

BBAR  
(3000-  
5000nm)

HDAR35-  
SI-W-25-  
5

£97.71

2 In Stock

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[#24-644 Clearance](#)



Clearance

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

50.80	6.00	BBAR (3000- 5000nm)	HDAR35- SI-W-50- 6	£232.86	3 In Stock
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