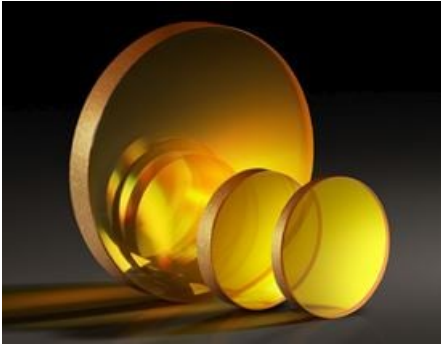


[All Products](#) / [Optics](#) / [Windows and Diffusers](#) / [UV and IR Windows](#)

ISP Optics Zinc Selenide (ZnSe) Windows See More by [ISP Optics](#)





- Low Dispersion and Absorption from 0.6 – 18 μ m
- High Resistance to Thermal Shock
- Ideal for Thermal Imaging, FLIR, and Medical Systems

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	85
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	120.00
Parallelism (arcmin):	<3	Poisson's Ratio:	0.28
Young's Modulus (GPa):	67.2		
Optical Properties			
Index of Refraction (n _d):	2.631		
Substrate:	Zinc Selenide (ZnSe)	Surface Flatness (P-V):	λ/20 @ 10.6μm
Surface Quality:	60-40		
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):		7.57	
Density (g/cm ³):		5.27	

Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Model Number	Stock Number	Price	Buy
#24-658 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	1.00	Uncoated	ZC-W-50-1		A\$567.92	6 In Stock
#24-664 Clearance						
						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
63.50	6.00	Uncoated	ZC-W-63-6		A\$1,183.92	3 In Stock

[#24-667 Clearance](#)



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

BBAR
(2000-
13000nm)

AR213-
ZC-W-
12-1

A\$313.52

Contact Us

[#24-676 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

5.00

BBAR
(2000-
13000nm)

AR213-
ZC-W-
50-5

A\$937.52

20+ In Stock

[#24-682 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	5.00	BBAR (8000-12000nm)	AR812-ZC-W-50-5	A\$937.52	1 In Stock
-------	------	---------------------	-----------------	-----------	------------



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100
[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :
www.edmundoptics.com