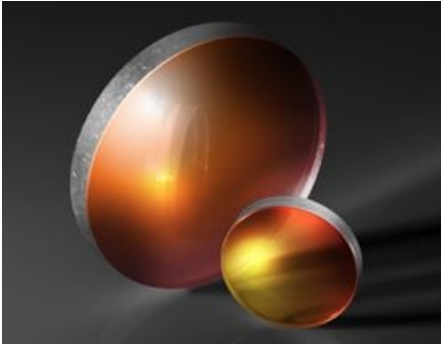


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TECHSPEC® Zinc Sulfide Multispectral Windows



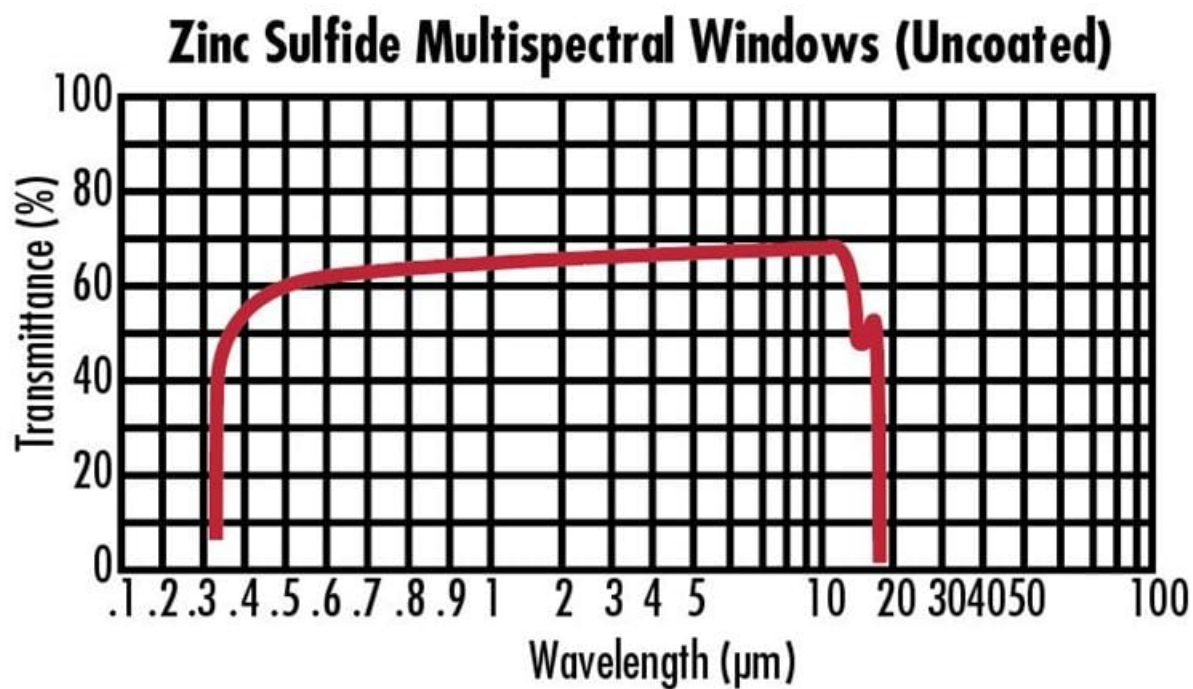
- Multispectral Grade Zinc Sulfide Substrate
- Low Absorption and Low Scatter from 0.4 - 12 μ m
- Available Uncoated or 3 - 12 μ m Broadband AR Coated Option



Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	90.00
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	210.00
Parallelism (arcmin):	<1	Poisson's Ratio:	0.27
Young's Modulus (GPa):	74.5		
Optical Properties			
Index of Refraction (n _d):	2.371		
Substrate:	Zinc Sulfide Multispectral	Surface Flatness (P-V):	λ/10 @ 10.6μm
Surface Quality:	60-40		
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):		6.8	
Density (g/cm ³):		4.08	

Technical Information



Products

Dia. (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
12.50	2.00	BBAR (3000-12000nm)	#64-144	£263.53 Volume Pricing	3 In Stock
25.00	3.00	BBAR (3000-12000nm)	#64-145	£373.84 Volume Pricing	20+ In Stock
40.00	4.00	BBAR (3000-12000nm)	#64-146	£573.45 Volume Pricing	Contact Us
50.00	3.00	BBAR (3000-12000nm)	#64-147	£748.55 Volume Pricing	Contact Us
12.50	2.00	Uncoated	#66-200	£173.35 Volume Pricing	17 In Stock
25.00	3.00	Uncoated	#66-201	£252.14 Volume Pricing	2 In Stock
25.40	3.00	Uncoated	#19-653	£252.14 Volume Pricing	Contact Us
40.00	4.00	Uncoated	#66-202	£430.75 Volume Pricing	Contact Us
50.00	3.00	Uncoated	#66-203	£573.45 Volume Pricing	12 In Stock
50.80	3.00	Uncoated	#19-655	£573.45 Volume Pricing	1 In Stock



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