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TECHSPEC® Zinc Selenide (ZnSe) Windows


- Low Dispersion
- Available Uncoated or AR Coated
- Ideal for Thermal Imaging, FLIR, and Medical Systems

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Clear Aperture (%):	90
Edges:	Fine Ground	Knoop Hardness (kg/mm²):	120.00
Poisson's Ratio:	0.28		

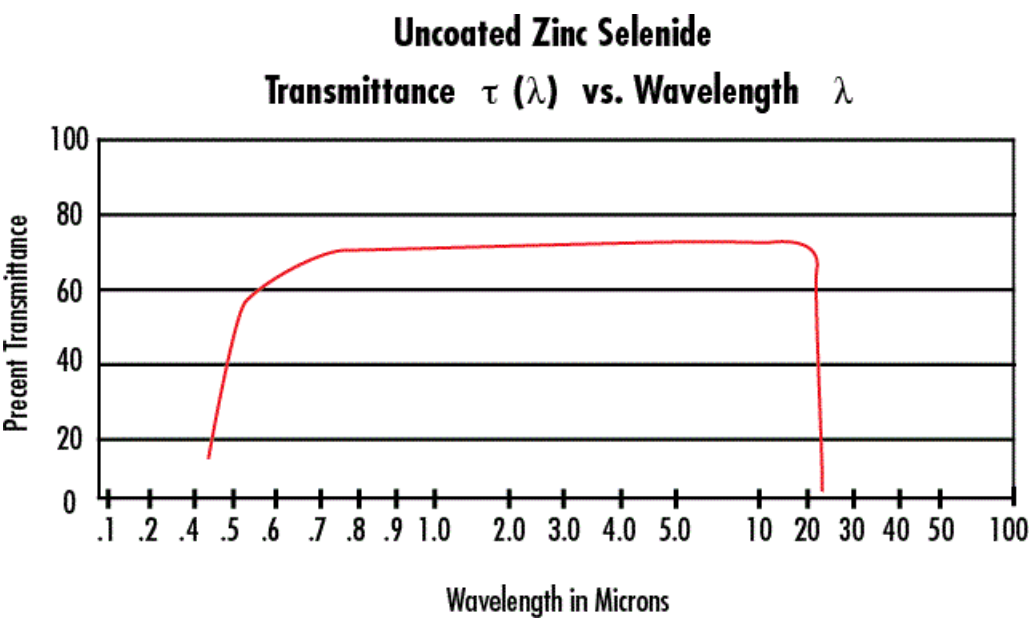
Optical Properties

Index of Refraction (n_d):	2.631		
Substrate:	Zinc Selenide (ZnSe)	Surface Flatness (P-V):	λ/10 @ 10.6μm

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	7.57	Density (g/cm³):	5.27
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Technical Information



Products

Dia. (mm)	Dimensions (mm)	Thickness (mm)	Coating	Stock Number	Price	Buy
5.00	-	1.00	Uncoated	#20-164	₹11,443 Volume Pricing	17 In Stock
5.00	-	1.00	BBAR (1650-3000nm)	#24-327	₹14,377 Volume Pricing	5 In Stock
10.00	-	1.50	Uncoated	#68-490	₹14,230 Volume Pricing	3 In Stock
10.00	-	1.50	BBAR (1650-3000nm)	#24-328	₹17,164 Volume Pricing	2 In Stock
10.00	-	1.50	BBAR (3000-12000nm)	#47-936	₹19,438 Volume Pricing	Contact Us
10.00	-	1.50	BBAR (8000-12000nm)	#68-498	₹19,438 Volume Pricing	20+ In Stock
12.50	-	1.00	Uncoated	#68-506	₹15,330 Volume Pricing	20+ In Stock
12.50	-	1.00	BBAR (1650-3000nm)	#24-329	₹18,264 Volume Pricing	5 In Stock
12.50	-	1.00	BBAR (3000-12000nm)	#68-511	₹20,831 Volume Pricing	20+ In Stock
12.50	-	1.00	BBAR (8000-12000nm)	#68-516	₹20,831 Volume Pricing	20+ In Stock
12.50	-	2.00	Uncoated	#68-491	₹15,330 Volume Pricing	20+ In Stock
12.50	-	2.00	BBAR (1650-3000nm)	#24-330	₹18,264 Volume Pricing	8 In Stock
12.50	-	2.00	BBAR (3000-12000nm)	#47-937	₹20,831 Volume Pricing	14 In Stock

12.50	-	2.00	BBAR (8000-12000nm)	#68-499	₹20,831 Volume Pricing	5 In Stock
12.70	-	1.00	Uncoated	#39-391	₹15,330 Volume Pricing	5 In Stock
12.70	-	1.00	BBAR (1650-3000nm)	#24-331	₹18,264 Volume Pricing	6 In Stock
12.70	-	1.00	BBAR (3000-12000nm)	#39-405	₹20,831 Volume Pricing	9 In Stock
12.70	-	1.00	BBAR (8000-12000nm)	#39-419	₹20,831 Volume Pricing	Contact Us
12.70	-	2.00	Uncoated	#39-392	₹15,330 Volume Pricing	17 In Stock
12.70	-	2.00	BBAR (1650-3000nm)	#24-332	₹18,264 Volume Pricing	5 In Stock
12.70	-	2.00	BBAR (3000-12000nm)	#39-406	₹20,831 Volume Pricing	9 In Stock
12.70	-	2.00	BBAR (8000-12000nm)	#39-420	₹20,831 Volume Pricing	8 In Stock
20.00	-	2.00	Uncoated	#68-492	₹17,311 Volume Pricing	20+ In Stock
20.00	-	2.00	BBAR (1650-3000nm)	#24-333	₹20,171 Volume Pricing	4 In Stock
20.00	-	2.00	BBAR (3000-12000nm)	#63-210	₹23,325 Volume Pricing	14 In Stock
20.00	-	2.00	BBAR (8000-12000nm)	#68-500	₹23,325 Volume Pricing	6 In Stock
25.00	-	1.00	Uncoated	#68-507	₹17,897 Volume Pricing	Contact Us
25.00	-	1.00	BBAR (1650-3000nm)	#24-334	₹20,831 Volume Pricing	4 In Stock

25.00	-	1.00	BBAR (3000-12000nm)	#68-512	₹27,800 Volume Pricing	5 In Stock
25.00	-	1.00	BBAR (8000-12000nm)	#68-517	₹27,800 Volume Pricing	5 In Stock
25.00	-	2.00	Uncoated	#68-508	₹18,704 Volume Pricing	14 In Stock
25.00	-	2.00	BBAR (1650-3000nm)	#24-335	₹21,638 Volume Pricing	2 In Stock
25.00	-	2.00	BBAR (3000-12000nm)	#68-513	₹29,193 Volume Pricing	6 In Stock
25.00	-	2.00	BBAR (8000-12000nm)	#68-518	₹29,193 Volume Pricing	7 In Stock
25.00	-	3.00	Uncoated	#68-493	₹20,025 Volume Pricing	4 In Stock
-	25.00 x 25.00	3.00	Uncoated	#27-500	₹19,071 Volume Pricing	5 In Stock
25.00	-	3.00	BBAR (1650-3000nm)	#24-336	₹22,959 Volume Pricing	8 In Stock
25.00	-	3.00	BBAR (3000-12000nm)	#47-938	₹30,514 Volume Pricing	5 In Stock
25.00	-	3.00	BBAR (8000-12000nm)	#68-501	₹30,514 Volume Pricing	5 In Stock
25.00	-	5.00	Uncoated	#39-393	₹23,692 Volume Pricing	Contact Us
25.00	-	5.00	BBAR (1650-3000nm)	#24-337	₹26,626 Volume Pricing	1 In Stock
25.00	-	5.00	BBAR (3000-12000nm)	#39-407	₹34,254 Volume Pricing	9 In Stock
25.00	-	5.00	BBAR (8000-12000nm)	#39-421	₹34,254 Volume Pricing	7 In Stock

25.40	-	1.00	Uncoated	#39-394	₹17,311 Volume Pricing	5 In Stock
25.40	-	1.00	BBAR (1650-3000nm)	#24-338	₹20,171 Volume Pricing	4 In Stock
25.40	-	1.00	BBAR (3000-12000nm)	#39-408	₹27,800 Volume Pricing	5 In Stock
25.40	-	1.00	BBAR (8000-12000nm)	#39-424	₹27,800 Volume Pricing	14 In Stock
25.40	-	2.00	Uncoated	#39-396	₹18,704 Volume Pricing	5 In Stock
25.40	-	2.00	BBAR (1650-3000nm)	#24-339	₹21,638 Volume Pricing	Contact Us
25.40	-	2.00	BBAR (3000-12000nm)	#39-409	₹29,193 Volume Pricing	10 In Stock
25.40	-	2.00	BBAR (8000-12000nm)	#39-434	₹29,193 Volume Pricing	7 In Stock
25.40	-	3.00	Uncoated	#39-397	₹20,025 Volume Pricing	10 In Stock
25.40	-	3.00	BBAR (1650-3000nm)	#24-340	₹22,959 Volume Pricing	4 In Stock
25.40	-	3.00	BBAR (3000-12000nm)	#39-410	₹30,514 Volume Pricing	8 In Stock
25.40	-	3.00	BBAR (8000-12000nm)	#39-436	₹30,514 Volume Pricing	5 In Stock
25.40	-	5.00	Uncoated	#39-398	₹23,692 Volume Pricing	Contact Us
25.40	-	5.00	BBAR (1650-3000nm)	#24-341	₹26,626 Volume Pricing	Contact Us
25.40	-	5.00	BBAR (3000-12000nm)	#39-411	₹34,254 Volume Pricing	9 In Stock

25.40	-	5.00	BBAR (8000-12000nm)	#39-437	₹34,254 Volume Pricing	Contact Us
30.00	-	3.00	Uncoated	#68-494	₹34,401 Volume Pricing	14 In Stock
30.00	-	3.00	BBAR (1650-3000nm)	#24-342	₹40,343 Volume Pricing	5 In Stock
30.00	-	3.00	BBAR (3000-12000nm)	#63-211	₹45,477 Volume Pricing	Contact Us
30.00	-	3.00	BBAR (8000-12000nm)	#68-502	₹45,477 Volume Pricing	9 In Stock
40.00	-	4.00	Uncoated	#68-495	₹43,277 Volume Pricing	10 In Stock
40.00	-	4.00	BBAR (1650-3000nm)	#24-343	₹49,511 Volume Pricing	2 In Stock
40.00	-	4.00	BBAR (3000-12000nm)	#63-212	₹55,379 Volume Pricing	5 In Stock
40.00	-	4.00	BBAR (8000-12000nm)	#68-503	₹55,379 Volume Pricing	6 In Stock
50.00	-	1.00	Uncoated	#68-509	₹41,810 Volume Pricing	20+ In Stock
50.00	-	1.00	BBAR (1650-3000nm)	#24-344	₹48,044 Volume Pricing	4 In Stock
50.00	-	1.00	BBAR (3000-12000nm)	#68-514	₹59,047 Volume Pricing	5 In Stock
50.00	-	1.00	BBAR (8000-12000nm)	#68-519	₹59,047 Volume Pricing	1 In Stock
50.00	-	2.00	Uncoated	#68-510	₹43,277 Volume Pricing	1 In Stock
50.00	-	2.00	BBAR (1650-3000nm)	#24-345	₹49,511 Volume Pricing	2 In Stock

50.00	-	2.00	BBAR (3000-12000nm)	#68-515	₹60,514 Volume Pricing	5 In Stock
50.00	-	2.00	BBAR (8000-12000nm)	#68-520	₹60,514 Volume Pricing	3 In Stock
50.00	-	3.00	Uncoated	#68-496	₹49,145 Volume Pricing	11 In Stock
-	50.00 x 50.00	3.00	Uncoated	#27-537	₹46,944 Volume Pricing	3 In Stock
50.00	-	3.00	BBAR (1650-3000nm)	#24-346	₹54,646 Volume Pricing	5 In Stock
50.00	-	3.00	BBAR (3000-12000nm)	#47-939	₹66,015 Volume Pricing	Contact Us
50.00	-	3.00	BBAR (8000-12000nm)	#68-504	₹66,015 Volume Pricing	4 In Stock
50.00	-	5.00	Uncoated	#39-399	₹59,780 Volume Pricing	7 In Stock
50.00	-	5.00	BBAR (1650-3000nm)	#24-347	₹65,648 Volume Pricing	3 In Stock
50.00	-	5.00	BBAR (3000-12000nm)	#39-412	₹76,651 Volume Pricing	13 In Stock
50.00	-	5.00	BBAR (8000-12000nm)	#39-438	₹76,651 Volume Pricing	7 In Stock
50.80	-	1.00	Uncoated	#39-400	₹41,810 Volume Pricing	8 In Stock
50.80	-	1.00	BBAR (1650-3000nm)	#24-348	₹48,044 Volume Pricing	6 In Stock
50.80	-	1.00	BBAR (3000-12000nm)	#39-413	₹59,047 Volume Pricing	2 In Stock
50.80	-	1.00	BBAR (8000-12000nm)	#39-440	₹59,047 Volume Pricing	Contact Us

50.80	-	2.00	Uncoated	#39-401	₹43,277 Volume Pricing	2 In Stock
50.80	-	2.00	BBAR (1650-3000nm)	#24-349	₹49,511 Volume Pricing	2 In Stock
50.80	-	2.00	BBAR (3000-12000nm)	#39-414	₹60,514 Volume Pricing	4 In Stock
50.80	-	2.00	BBAR (8000-12000nm)	#39-464	₹60,514 Volume Pricing	5 In Stock
50.80	-	3.00	Uncoated	#39-402	₹49,145 Volume Pricing	8 In Stock
50.80	-	3.00	BBAR (1650-3000nm)	#24-350	₹54,646 Volume Pricing	1 In Stock
50.80	-	3.00	BBAR (3000-12000nm)	#39-415	₹66,015 Volume Pricing	7 In Stock
50.80	-	3.00	BBAR (8000-12000nm)	#39-465	₹66,015 Volume Pricing	2 In Stock
50.80	-	5.00	Uncoated	#39-404	₹59,414 Volume Pricing	Contact Us
50.80	-	5.00	BBAR (1650-3000nm)	#24-351	₹65,648 Volume Pricing	Contact Us
50.80	-	5.00	BBAR (3000-12000nm)	#39-416	₹76,651 Volume Pricing	20+ In Stock
50.80	-	5.00	BBAR (8000-12000nm)	#39-467	₹76,651 Volume Pricing	13 In Stock
75.00	-	6.00	Uncoated	#68-497	₹1,44,866 Volume Pricing	16 In Stock
75.00	-	6.00	BBAR (1650-3000nm)	#24-352	₹1,60,270 Volume Pricing	1 In Stock
75.00	-	6.00	BBAR (3000-12000nm)	#48-855	₹1,75,307 Volume Pricing	Contact Us

76.20	-	6.00	Uncoated	#17-608	₹1,44,866 Volume Pricing	3 In Stock
76.20	-	6.00	BBAR (1650-3000nm)	#24-353	₹1,60,270 Volume Pricing	3 In Stock
101.60	-	6.00	Uncoated	#17-609	₹2,21,884 Volume Pricing	11 In Stock
127.00	-	6.00	Uncoated	#17-610	₹3,13,571 Volume Pricing	2 In Stock



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