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TECHSPEC® Zinc Selenide (ZnSe) Plano-Convex (PCX) Lenses

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- Edmund Optics® Designed, Coherent® Manufactured
- Premier Grade ZnSe Material
- Uncoated or Broadband AR Coating Options

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective bevel as needed	Surface Roughness (Å):	<50 RMS
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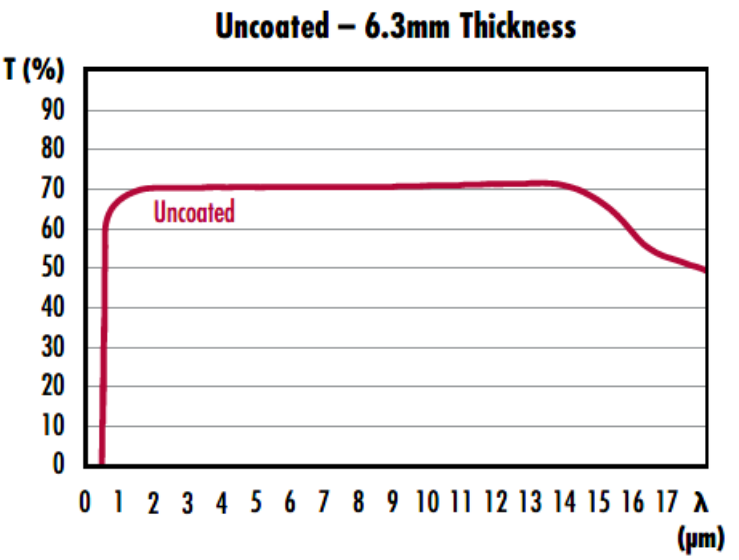
Optical Properties

Substrate:	Coherent® Infrared ZnSe	Surface Quality:	40-20
Power (P-V) @ 632.8nm:	λ	Irregularity (P-V) @ 10.6μm:	$\lambda/20$
Bulk Absorption Coefficient (cm⁻¹):	<0.0005 @ 10.6 μ m		

Electrical

Power (P-V) @ 10.6μm:	$\lambda/10$
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Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
12.70	12.70	11.45	Uncoated	Coherent® Infrared ZnSe	#39-519	€214,00 Qty 11+ €193,00	3-4 days
12.70	20.00	19.23	Uncoated	Coherent® Infrared ZnSe	#39-522	€190,00 Qty 11+ €171,00	3-4 days
12.70	25.40	24.36	Uncoated	Coherent® Infrared ZnSe	#39-524	€190,00 Qty 11+ €171,00	3-4 days
12.70	35.00	33.96	Uncoated	Coherent® Infrared ZnSe	#39-525	€190,00 Qty 11+ €171,00	3-4 days
12.70	50.80	49.97	Uncoated	Coherent® Infrared ZnSe	#39-528	€190,00 Qty 11+ €171,00	3-4 days
25.40	25.40	23.53	Uncoated	Coherent® Infrared ZnSe	#39-530	€359,00 Qty 11+ €323,00	3-4 days
25.40	35.00	33.46	Uncoated	Coherent® Infrared ZnSe	#39-531	€321,00 Qty 11+ €289,00	Contact Us
25.40	50.80	49.51	Uncoated	Coherent® Infrared ZnSe	#39-532	€295,00 Qty 11+ €266,00	In Stock
25.40	75.00	73.96	Uncoated	Coherent® Infrared ZnSe	#39-533	€295,00 Qty 11+ €266,00	3-4 days
25.40	100.00	98.96	Uncoated	Coherent® Infrared ZnSe	#39-534	€295,00 Qty 11+ €266,00	Contact Us
25.40	150.00	148.88	Uncoated	Coherent® Infrared ZnSe	#39-535	€295,00 Qty 11+ €266,00	3-4 days
25.40	250.00	249	Uncoated	Coherent® Infrared ZnSe	#39-536	€295,00 Qty 11+ €266,00	Contact Us
50.80	50.80	47.85	Uncoated	Coherent® Infrared ZnSe	#39-537	€1.259,00 Qty 11+ €1.133,00	3-4 days
50.80	75.00	72.71	Uncoated	Coherent® Infrared ZnSe	#39-538	€1.055,00 Qty 11+ €950,00	3-4 days
50.80	100.00	98.09	Uncoated	Coherent® Infrared ZnSe	#39-539	€985,00 Qty 11+ €887,00	3-4 days
50.80	150.00	148.34	Uncoated	Coherent® Infrared ZnSe	#39-540	€985,00 Qty 11+ €887,00	3-4 days

50.80	200.00	198.55	Uncoated	Coherent® Infrared ZnSe	#39-541	€926,00 Qty 11+ €833,00	3-4 days
12.70	12.70	11.45	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-542	€423,00 Qty 11+ €381,00	3-4 days
12.70	20.00	19.23	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-543	€403,00 Qty 11+ €363,00	3-4 days
12.70	25.40	24.36	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-544	€403,00 Qty 11+ €363,00	3-4 days
12.70	35.00	33.96	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-545	€403,00 Qty 11+ €363,00	3-4 days
12.70	50.80	49.97	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-546	€403,00 Qty 11+ €363,00	3-4 days
25.40	25.40	23.53	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-547	€561,00 Qty 11+ €505,00	3-4 days
25.40	35.00	33.46	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-548	€530,00 Qty 11+ €477,00	In Stock
25.40	50.80	49.51	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-549	€500,00 Qty 11+ €450,00	Contact Us
25.40	75.00	73.96	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-550	€500,00 Qty 11+ €450,00	3-4 days
25.40	100.00	98.96	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-551	€500,00 Qty 11+ €450,00	3-4 days
25.40	150.00	148.88	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-552	€500,00 Qty 11+ €450,00	3-4 days
25.40	250.00	249	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#39-553	€500,00 Qty 11+ €450,00	3-4 days
50.80	50.80	47.85	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#11-408	€1.377,00 Qty 11+ €1.239,00	Contact Us

50.80	75.00	72.71	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#11-409	€1.377,00 Qty 11+ €1.239,00	3-4 days
50.80	100.00	98.09	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#11-410	€1.311,00 Qty 11+ €1.180,00	Contact Us
50.80	150.00	148.34	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#11-411	€1.311,00 Qty 11+ €1.180,00	3-4 days
50.80	200.00	198.55	BBAR (8000-12000nm)	Coherent® Infrared ZnSe	#11-412	€1.255,00 Qty 11+ €1.130,00	3-4 days
12.70	12.70	11.45	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-418	€423,00 Qty 11+ €381,00	3-4 days
12.70	20.00	19.23	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-419	€403,00 Qty 11+ €363,00	3-4 days
12.70	25.40	24.36	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-420	€403,00 Qty 11+ €363,00	Contact Us
12.70	35.00	33.96	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-421	€403,00 Qty 11+ €363,00	3-4 days
12.70	50.80	49.97	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-422	€403,00 Qty 11+ €363,00	3-4 days
25.40	25.40	23.53	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-423	€561,00 Qty 11+ €505,00	3-4 days
25.40	35.00	33.46	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-424	€530,00 Qty 11+ €477,00	3-4 days
25.40	50.80	49.51	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-425	€500,00 Qty 11+ €450,00	3-4 days
25.40	75.00	73.96	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-426	€500,00 Qty 11+ €450,00	3-4 days
25.40	100.00	98.96	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-427	€500,00 Qty 11+ €450,00	Contact Us

25.40	150.00	148.88	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-428	€500,00 Qty 11+ €450,00	Contact Us
25.40	250.00	249	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-429	€500,00 Qty 11+ €450,00	3-4 days
50.80	50.80	47.85	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-430	€1.571,00 Qty 11+ €1.414,00	3-4 days
50.80	75.00	72.71	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-431	€1.377,00 Qty 11+ €1.239,00	Contact Us
50.80	100.00	98.09	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-432	€1.311,00 Qty 11+ €1.180,00	3-4 days
50.80	150.00	148.34	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-433	€1.311,00 Qty 11+ €1.180,00	3-4 days
50.80	200.00	198.55	BBAR (3000-12000nm)	Coherent® Infrared ZnSe	#11-434	€1.255,00 Qty 11+ €1.130,00	3-4 days



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