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TECHSPEC® Silicon Plano-Convex (PCX) Lenses



- Wavelength Range of 1.2 - 7 μ m
- Low Density and Dispersion
- Focal Lengths of 25 – 250mm Available
- Additional [Infrared Lenses](#) Available in Popular Substrates

Common Specifications

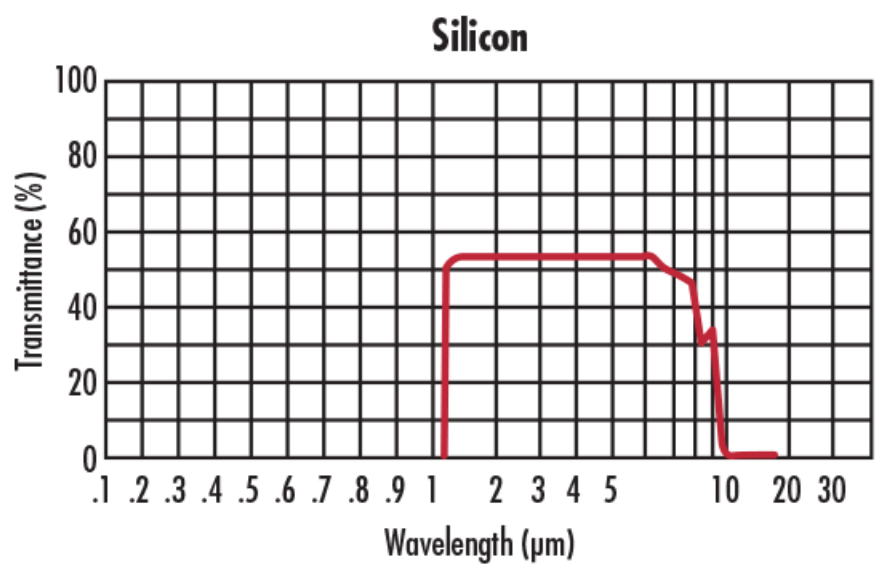
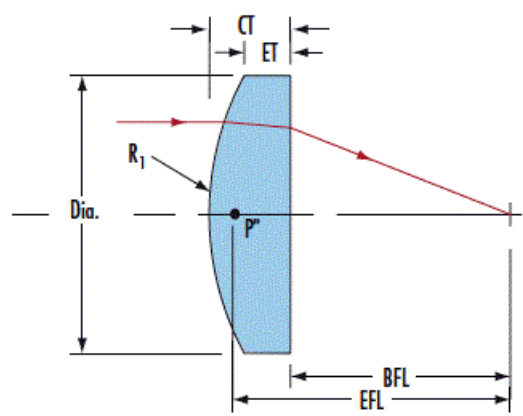
Physical & Mechanical Properties

Diameter (mm):	25.00 +0.0/-0.1	Centering (arcmin):	<3
Clear Aperture CA (mm):	24	Bevel:	Protective as needed

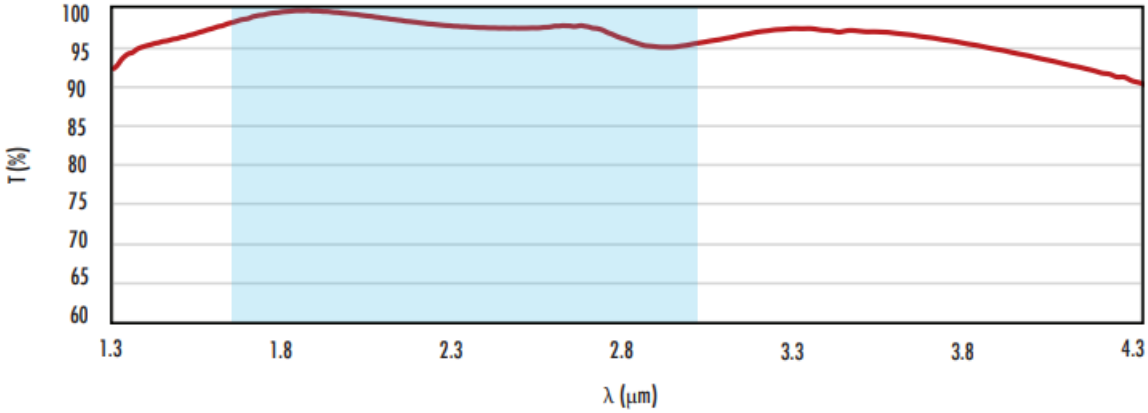
Optical Properties

Substrate:	Silicon (Si)	Surface Quality:	60-40
Power (P-V) @ 632.8nm:	2 λ	Irregularity (P-V) @ 632.8nm:	$\lambda/2$

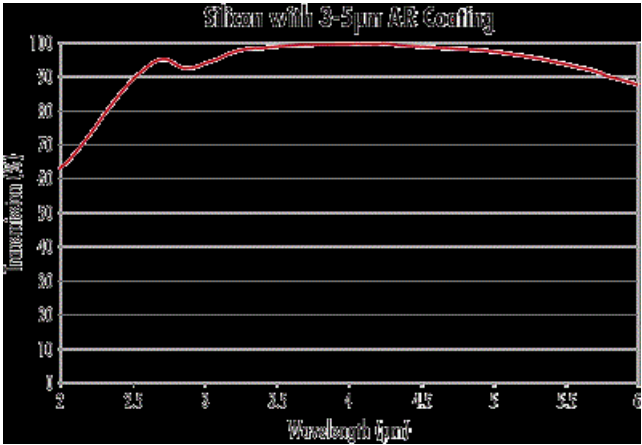
Technical Information



Silicon with 1.65-3μm AR Coating



Silicon with 3-5μm AR Coating



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
25.00	25.00	23.98	Uncoated	Silicon (Si)	#69-673	£196.11 Volume Pricing	16 In Stock
25.00	25.00	23.98	BBAR (1650-3000nm)	Silicon (Si)	#21-088	£213.62 Volume Pricing	1 In Stock
25.00	25.00	23.98	BBAR (3000-5000nm)	Silicon (Si)	#69-682	£296.79 Volume Pricing	7 In Stock
25.00	30.00	28.98	Uncoated	Silicon (Si)	#69-674	£196.11 Volume Pricing	6 In Stock
25.00	30.00	28.98	BBAR (1650-3000nm)	Silicon (Si)	#21-089	£213.62 Volume Pricing	Contact Us
25.00	30.00	28.98	BBAR (3000-5000nm)	Silicon (Si)	#69-683	£296.79 Volume Pricing	3 In Stock
25.00	35.00	34.12	Uncoated	Silicon (Si)	#69-675	£196.11 Volume Pricing	20+ In Stock
25.00	35.00	34.12	BBAR (1650-3000nm)	Silicon (Si)	#21-090	£213.62 Volume Pricing	3 In Stock
25.00	35.00	34.12	BBAR (3000-5000nm)	Silicon (Si)	#69-684	£296.79 Volume Pricing	8 In Stock
25.00	40.00	39.12	Uncoated	Silicon (Si)	#69-676	£196.11 Volume Pricing	4 In Stock
25.00	40.00	39.12	BBAR (1650-3000nm)	Silicon (Si)	#21-091	£213.62 Volume Pricing	Contact Us
25.00	40.00	39.12	BBAR (3000-5000nm)	Silicon (Si)	#69-685	£296.79 Volume Pricing	12 In Stock
25.00	50.00	49.12	Uncoated	Silicon (Si)	#69-677	£196.11 Volume Pricing	20+ In Stock
25.00	50.00	49.12	BBAR (1650-3000nm)	Silicon (Si)	#21-092	£213.62 Volume Pricing	Contact Us

25.00	50.00	49.12	BBAR (3000-5000nm)	Silicon (Si)	#69-686	£296.79 Volume Pricing	8 In Stock
25.00	75.00	74.12	Uncoated	Silicon (Si)	#69-678	£196.11 Volume Pricing	20+ In Stock
25.00	75.00	74.12	BBAR (1650-3000nm)	Silicon (Si)	#21-093	£213.62 Volume Pricing	3 In Stock
25.00	75.00	74.12	BBAR (3000-5000nm)	Silicon (Si)	#69-687	£296.79 Volume Pricing	7 In Stock
25.00	100.00	99.12	Uncoated	Silicon (Si)	#69-679	£196.11 Volume Pricing	5 In Stock
25.00	100.00	99.12	BBAR (1650-3000nm)	Silicon (Si)	#21-094	£213.62 Volume Pricing	7 In Stock
25.00	100.00	99.12	BBAR (3000-5000nm)	Silicon (Si)	#69-688	£296.79 Volume Pricing	10 In Stock
25.00	150.00	149.12	Uncoated	Silicon (Si)	#69-680	£196.11 Volume Pricing	13 In Stock
25.00	150.00	149.12	BBAR (1650-3000nm)	Silicon (Si)	#21-095	£213.62 Volume Pricing	2 In Stock
25.00	150.00	149.12	BBAR (3000-5000nm)	Silicon (Si)	#69-689	£296.79 Volume Pricing	20+ In Stock
25.00	250.00	249.12	Uncoated	Silicon (Si)	#69-681	£196.11 Volume Pricing	9 In Stock
25.00	250.00	249.12	BBAR (1650-3000nm)	Silicon (Si)	#21-096	£213.62 Volume Pricing	Contact Us
25.00	250.00	249.12	BBAR (3000-5000nm)	Silicon (Si)	#69-690	£296.79 Volume Pricing	10 In Stock



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