

[All Products](#) /
 [Optics](#) /
 [Optical Lenses](#) /
 [Plano-Convex \(PCX\) Lenses](#) /
 [UV and IR Plano-Convex \(PCX\) Lenses](#)

TECHSPEC® Calcium Fluoride Plano-Convex (PCX) Lenses



- Low Index of Refraction
- Vacuum Grade UV Substrate
- Uncoated, VIS-NIR, and NIR II Broadband AR Coating Options

Common Specifications

Physical & Mechanical Properties

Centering (arcmin): <3

Bevel: Protective as needed

Optical Properties

Substrate: Calcium Fluoride (CaF₂)

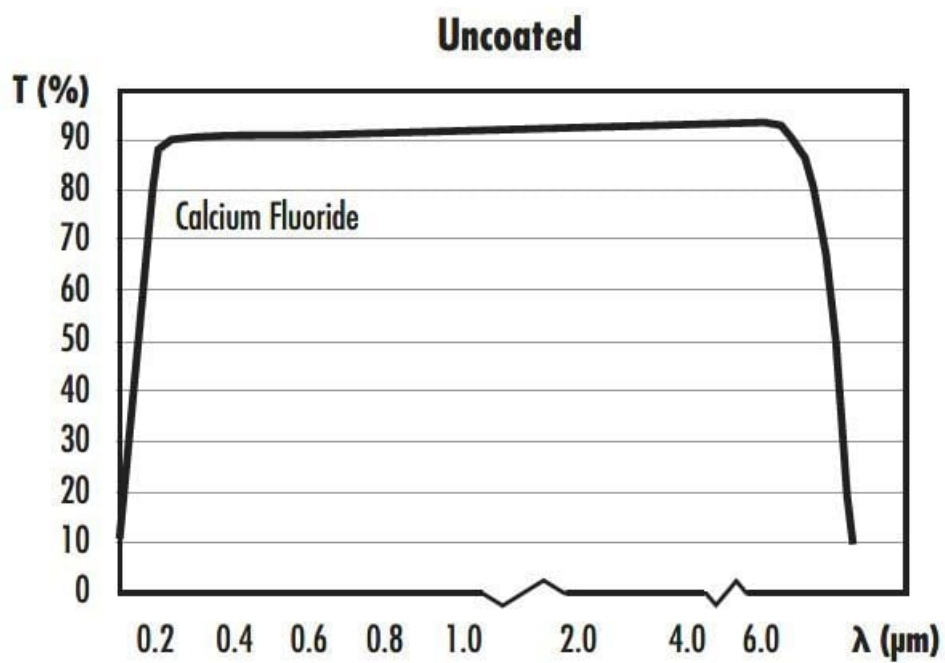
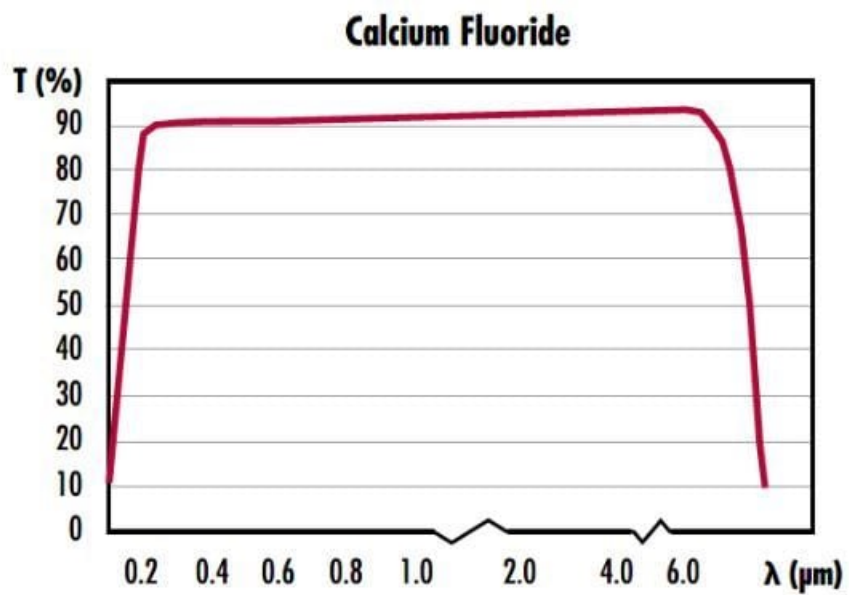
Surface Quality: 40-20

Power (P-V) @ 632.8nm: λ

Wavelength Range (nm): 200 - 7000

Axis Orientation: Random

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
12.50	18.00	14.92	Uncoated	Calcium Fluoride (CaF ₂)	#88-160	₹12,378 Volume Pricing	20+ In Stock
12.50	25.00	22.61	Uncoated	Calcium Fluoride (CaF ₂)	#88-161	₹12,378 Volume Pricing	20+ In Stock
12.50	50.00	48.63	Uncoated	Calcium Fluoride (CaF ₂)	#88-162	₹12,378 Volume Pricing	20+ In Stock
25.00	35.00	29.87	Uncoated	Calcium Fluoride (CaF ₂)	#88-163	₹14,947 Volume Pricing	13 In Stock
25.00	50.00	46.58	Uncoated	Calcium Fluoride (CaF ₂)	#88-164	₹14,947 Volume Pricing	16 In Stock
25.00	75.00	73.63	Uncoated	Calcium Fluoride (CaF ₂)	#88-165	₹14,947 Volume Pricing	20+ In Stock
25.00	100.00	97.27	Uncoated	Calcium Fluoride (CaF ₂)	#88-166	₹14,947 Volume Pricing	20+ In Stock
50.00	75.00	66.45	Uncoated	Calcium Fluoride (CaF ₂)	#88-167	₹38,069 Volume Pricing	20+ In Stock
50.00	100.00	93.85	Uncoated	Calcium Fluoride (CaF ₂)	#88-168	₹37,679 Volume Pricing	11 In Stock
50.00	150.00	145.21	Uncoated	Calcium Fluoride (CaF ₂)	#88-169	₹37,679 Volume Pricing	6 In Stock
12.50	18.00	14.92	VIS-NIR (400- 1000nm)	Calcium Fluoride (CaF ₂)	#22-515	₹15,414 Volume Pricing	5 In Stock
12.50	25.00	22.61	VIS-NIR (400- 1000nm)	Calcium Fluoride (CaF ₂)	#22-516	₹15,414 Volume Pricing	4 In Stock

12.50	50.00	48.63	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-517	₹15,414 Volume Pricing	3 In Stock
25.00	35.00	29.87	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-518	₹17,983 Volume Pricing	6 In Stock
25.00	50.00	46.58	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-519	₹17,983 Volume Pricing	4 In Stock
25.00	75.00	73.63	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-520	₹17,983 Volume Pricing	1 In Stock
25.00	100.00	97.27	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-521	₹17,983 Volume Pricing	5 In Stock
50.00	75.00	66.45	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-522	₹41,728 Volume Pricing	6 In Stock
50.00	100.00	93.85	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-523	₹41,261 Volume Pricing	3 In Stock
50.00	150.00	145.21	VIS-NIR (400-1000nm)	Calcium Fluoride (CaF ₂)	#22-524	₹41,261 Volume Pricing	5 In Stock
12.50	18.00	14.92	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-525	₹15,414 Volume Pricing	2 In Stock
12.50	25.00	22.61	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-526	₹15,414 Volume Pricing	5 In Stock
12.50	50.00	48.63	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-527	₹15,414 Volume Pricing	3 In Stock
25.00	35.00	29.87	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-528	₹17,983 Volume Pricing	6 In Stock
25.00	50.00	46.58	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-529	₹17,983 Volume Pricing	5 In Stock

25.00	75.00	73.63	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-530	₹17,983 Volume Pricing	3 In Stock
25.00	100.00	97.27	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-531	₹17,983 Volume Pricing	4 In Stock
50.00	75.00	66.45	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-532	₹41,728 Volume Pricing	2 In Stock
50.00	100.00	93.85	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-533	₹41,261 Volume Pricing	7 In Stock
50.00	150.00	145.21	NIR II (750-1550nm)	Calcium Fluoride (CaF ₂)	#22-534	₹41,261 Volume Pricing	3 In Stock



Copyright 2023, Edmund Optics India Private Limited, #267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038

Phone: 1-800-363-1992 :

www.edmundoptics.com