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TECHSPEC®

405nm Laser Line Coated Plano-Convex (PCX) Lenses



- <0.25% Reflection at 405nm for Diode Applications
- BBAR Coating Options Also Available: [uncoated](#), [MgF₂](#), [VIS 0°](#), [VIS-NIR](#), [NIR-I](#), [NIR-II](#)
- 405nm, [532nm](#), [633nm](#), [785nm](#), [980nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

Common Specifications

Physical & Mechanical Properties

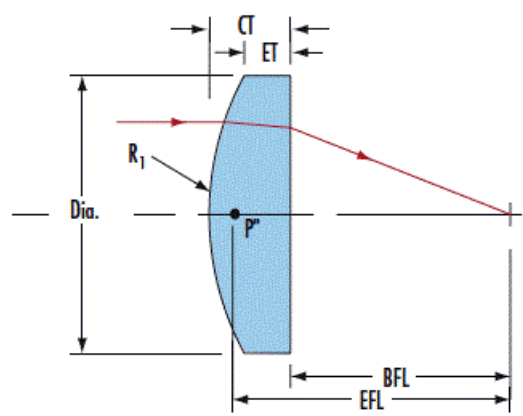
Bevel: Protective as needed

Optical Properties

Coating: Laser V-Coat (405nm)

Surface Quality:	40-20	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4	Focal Length Tolerance (%):	±1
Design Wavelength DWL (nm):	405	Damage Threshold, By Design:	3 J/cm ² @ 405nm, 10ns

Technical Information



Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
5.00	7.50	6.43	Laser V-Coat (405nm)	N-SF11	#88-963	₹4,243 Volume Pricing	6 In Stock
5.00	10.00	8.92	Laser V-Coat (405nm)	N-BK7	#88-964	₹4,243 Volume Pricing	14 In Stock
5.00	12.00	10.83	Laser V-Coat (405nm)	N-BK7	#88-965	₹4,243 Volume Pricing	14 In Stock
5.00	15.00	13.94	Laser V-Coat (405nm)	N-BK7	#88-966	₹4,243 Volume Pricing	7 In Stock
5.00	20.00	19.02	Laser V-Coat (405nm)	N-BK7	#88-967	₹4,243 Volume Pricing	9 In Stock
5.00	25.00	23.95	Laser V-Coat (405nm)	N-BK7	#88-968	₹4,243 Volume Pricing	11 In Stock
5.00	30.00	28.95	Laser V-Coat (405nm)	N-BK7	#88-969	₹4,243 Volume Pricing	12 In Stock
6.00	6.00	4.60	Laser V-Coat (405nm)	N-SF11	#65-449	₹3,659 Volume Pricing	20+ In Stock
6.00	7.50	6.1	Laser V-Coat (405nm)	N-SF11	#69-315	₹3,620 Volume Pricing	1 In Stock
6.00	9.00	7.95	Laser V-Coat (405nm)	N-SF5	#66-254	₹3,620 Volume Pricing	20+ In Stock
6.00	12.00	10.94	Laser V-Coat (405nm)	N-BK7	#65-450	₹3,503 Volume Pricing	1 In Stock
6.00	15.00	13.68	Laser V-Coat (405nm)	N-BK7	#69-316	₹3,503 Volume Pricing	20+ In Stock

6.00	18.00	17.07	Laser V-Coat (405nm)	N-BK7	#65-451	₹3,542 Volume Pricing	5 In Stock
6.00	21.00	20.06	Laser V-Coat (405nm)	N-BK7	#69-317	₹3,542 Volume Pricing	5 In Stock
6.00	24.00	23.01	Laser V-Coat (405nm)	N-BK7	#65-452	₹3,542 Volume Pricing	20+ In Stock
6.00	30.00	29.14	Laser V-Coat (405nm)	N-BK7	#65-453	₹3,503 Volume Pricing	20+ In Stock
6.00	36.00	34.95	Laser V-Coat (405nm)	N-BK7	#69-318	₹3,542 Volume Pricing	13 In Stock
6.00	48.00	46.95	Laser V-Coat (405nm)	N-BK7	#69-319	₹3,542 Volume Pricing	20+ In Stock
6.00	60.00	58.95	Laser V-Coat (405nm)	N-BK7	#69-320	₹3,542 Volume Pricing	6 In Stock
6.00	72.00	70.97	Laser V-Coat (405nm)	N-BK7	#69-321	₹3,542 Volume Pricing	4 In Stock
9.00	9.00	7.32	Laser V-Coat (405nm)	N-SF11	#65-454	₹3,698 Volume Pricing	Contact Us
9.00	12.00	10.6	Laser V-Coat (405nm)	N-SF11	#69-322	₹3,698 Volume Pricing	15 In Stock
9.00	13.50	11.94	Laser V-Coat (405nm)	N-SF5	#66-255	₹3,698 Volume Pricing	20+ In Stock
9.00	15.00	13.02	Laser V-Coat (405nm)	N-BK7	#69-323	₹3,698 Volume Pricing	13 In Stock
9.00	18.00	16.41	Laser V-Coat (405nm)	N-BK7	#65-455	₹3,620 Volume Pricing	20+ In Stock
9.00	22.00	20.73	Laser V-Coat (405nm)	N-BK7	#69-324	₹3,620 Volume Pricing	9 In Stock

9.00	27.00	25.34	Laser V-Coat (405nm)	N-BK7	#65-456	₹3,620 Volume Pricing	7 In Stock
9.00	36.00	34.48	Laser V-Coat (405nm)	N-BK7	#65-457	₹3,620 Volume Pricing	6 In Stock
9.00	45.00	43.98	Laser V-Coat (405nm)	N-BK7	#65-458	₹3,620 Volume Pricing	6 In Stock
9.00	54.00	52.69	Laser V-Coat (405nm)	N-BK7	#69-325	₹3,620 Volume Pricing	14 In Stock
9.00	72.00	70.68	Laser V-Coat (405nm)	N-BK7	#69-326	₹3,620 Volume Pricing	8 In Stock
9.00	90.00	88.68	Laser V-Coat (405nm)	N-BK7	#69-327	₹3,620 Volume Pricing	5 In Stock
10.00	10.00	8.18	Laser V-Coat (405nm)	N-SF11	#69-328	₹3,698 Volume Pricing	5 In Stock
10.00	15.00	13.32	Laser V-Coat (405nm)	N-SF11	#69-329	₹3,698 Volume Pricing	3 In Stock
10.00	20.00	18.03	Laser V-Coat (405nm)	N-BK7	#69-330	₹3,620 Volume Pricing	6 In Stock
10.00	25.00	23.02	Laser V-Coat (405nm)	N-BK7	#69-331	₹3,620 Volume Pricing	17 In Stock
10.00	30.00	28.01	Laser V-Coat (405nm)	N-BK7	#69-332	₹3,620 Volume Pricing	6 In Stock
10.00	40.00	38.02	Laser V-Coat (405nm)	N-BK7	#69-333	₹3,620 Volume Pricing	4 In Stock
10.00	50.00	48.02	Laser V-Coat (405nm)	N-BK7	#69-334	₹3,620 Volume Pricing	4 In Stock
10.00	75.00	73.02	Laser V-Coat (405nm)	N-BK7	#69-335	₹3,620 Volume Pricing	1 In Stock

10.00	100.00	98.02	Laser V-Coat (405nm)	N-BK7	#69-336	₹3,620 Volume Pricing	3 In Stock
12.00	12.00	9.76	Laser V-Coat (405nm)	N-SF11	#65-459	₹3,854 Volume Pricing	20+ In Stock
12.00	15.00	12.03	Laser V-Coat (405nm)	N-BK7	#69-337	₹3,854 Volume Pricing	2 In Stock
12.00	18.00	16.22	Laser V-Coat (405nm)	N-SF5	#66-256	₹3,854 Volume Pricing	20+ In Stock
12.00	20.00	17.69	Laser V-Coat (405nm)	N-BK7	#69-338	₹3,854 Volume Pricing	13 In Stock
12.00	24.00	22.15	Laser V-Coat (405nm)	N-BK7	#65-460	₹3,776 Volume Pricing	16 In Stock
12.00	30.00	28.02	Laser V-Coat (405nm)	N-BK7	#69-339	₹3,776 Volume Pricing	20+ In Stock
12.00	42.00	40.22	Laser V-Coat (405nm)	N-BK7	#69-340	₹3,776 Volume Pricing	7 In Stock
12.00	48.00	46.36	Laser V-Coat (405nm)	N-BK7	#65-462	₹3,776 Volume Pricing	14 In Stock
12.00	54.00	52.02	Laser V-Coat (405nm)	N-BK7	#69-341	₹3,776 Volume Pricing	8 In Stock
12.00	60.00	58.37	Laser V-Coat (405nm)	N-BK7	#65-463	₹3,776 Volume Pricing	20+ In Stock
12.00	72.00	70.42	Laser V-Coat (405nm)	N-BK7	#69-342	₹3,776 Volume Pricing	20+ In Stock
12.00	84.00	82.39	Laser V-Coat (405nm)	N-BK7	#69-343	₹3,776 Volume Pricing	10 In Stock
12.00	100.00	98.35	Laser V-Coat (405nm)	N-BK7	#69-344	₹3,776 Volume Pricing	4 In Stock

15.00	15.00	11.71	Laser V-Coat (405nm)	N-SF5	#87-597	₹3,970 Volume Pricing	20+ In Stock
15.00	18.00	15.61	Laser V-Coat (405nm)	N-SF5	#87-598	₹3,970 Volume Pricing	20+ In Stock
15.00	20.00	17.74	Laser V-Coat (405nm)	N-SF5	#87-599	₹3,970 Volume Pricing	9 In Stock
15.00	22.50	20.50	Laser V-Coat (405nm)	N-SF5	#87-600	₹3,970 Volume Pricing	15 In Stock
20.00	20.00	17.42	Laser V-Coat (405nm)	N-SF11	#88-970	₹4,360 Volume Pricing	20+ In Stock
20.00	25.00	22.76	Laser V-Coat (405nm)	N-SF11	#88-971	₹4,321 Volume Pricing	20+ In Stock
20.00	35.00	32.04	Laser V-Coat (405nm)	N-BK7	#88-972	₹4,321 Volume Pricing	20+ In Stock
20.00	40.00	36.77	Laser V-Coat (405nm)	N-BK7	#88-973	₹4,204 Volume Pricing	3 In Stock
20.00	50.00	47.87	Laser V-Coat (405nm)	N-BK7	#88-974	₹4,204 Volume Pricing	4 In Stock
20.00	60.00	57.03	Laser V-Coat (405nm)	N-BK7	#88-975	₹4,204 Volume Pricing	17 In Stock
20.00	70.00	68.03	Laser V-Coat (405nm)	N-BK7	#88-976	₹4,204 Volume Pricing	5 In Stock
20.00	80.00	78.45	Laser V-Coat (405nm)	N-BK7	#88-977	₹4,204 Volume Pricing	Contact Us
20.00	100.00	97.13	Laser V-Coat (405nm)	N-BK7	#88-978	₹4,204 Volume Pricing	11 In Stock
20.00	150.00	148.02	Laser V-Coat (405nm)	N-BK7	#88-979	₹4,204 Volume Pricing	1 In Stock

25.00	25.00	20.22	Laser V-Coat (405nm)	N-SF5	#65-464	₹4,360 Volume Pricing	7 In Stock
25.00	30.00	24.68	Laser V-Coat (405nm)	N-BK7	#69-345	₹4,360 Volume Pricing	10 In Stock
25.00	35.00	30.42	Laser V-Coat (405nm)	N-BK7	#69-346	₹4,360 Volume Pricing	20+ In Stock
25.00	40.00	36.31	Laser V-Coat (405nm)	N-BK7	#69-347	₹4,360 Volume Pricing	5 In Stock
25.00	50.00	46.75	Laser V-Coat (405nm)	N-BK7	#65-465	₹4,204 Volume Pricing	7 In Stock
25.00	60.00	56.9	Laser V-Coat (405nm)	N-BK7	#69-348	₹4,204 Volume Pricing	12 In Stock
25.00	75.00	72.00	Laser V-Coat (405nm)	N-BK7	#65-466	₹4,204 Volume Pricing	5 In Stock
25.00	85.00	82.17	Laser V-Coat (405nm)	N-BK7	#69-349	₹4,204 Volume Pricing	3 In Stock
25.00	100.00	97.17	Laser V-Coat (405nm)	N-BK7	#65-467	₹4,204 Volume Pricing	8 In Stock
25.00	125.00	122.70	Laser V-Coat (405nm)	N-BK7	#65-468	₹4,204 Volume Pricing	8 In Stock
25.00	150.00	147.81	Laser V-Coat (405nm)	N-BK7	#69-350	₹4,204 Volume Pricing	1 In Stock
25.00	175.00	172.85	Laser V-Coat (405nm)	N-BK7	#69-351	₹4,204 Volume Pricing	8 In Stock
25.00	250.00	248.02	Laser V-Coat (405nm)	N-BK7	#69-352	₹4,204 Volume Pricing	7 In Stock
25.00	300.00	298.02	Laser V-Coat (405nm)	N-BK7	#69-353	₹4,204 Volume Pricing	Contact Us

25.00	500.00	497.89	Laser V-Coat (405nm)	N-BK7	#69-354	₹4,204 Volume Pricing	10 In Stock
25.00	750.00	747.89	Laser V-Coat (405nm)	N-BK7	#69-355	₹4,204 Volume Pricing	1 In Stock
30.00	30.00	26.13	Laser V-Coat (405nm)	N-SF11	#26-123	₹4,943 Volume Pricing	3 In Stock
30.00	40.00	37.20	Laser V-Coat (405nm)	N-SF11	#26-124	₹4,827 Volume Pricing	7 In Stock
30.00	50.00	46.17	Laser V-Coat (405nm)	N-SF5	#26-125	₹4,827 Volume Pricing	13 In Stock
30.00	100.00	96.01	Laser V-Coat (405nm)	N-BK7	#26-126	₹4,710 Volume Pricing	8 In Stock
30.00	120.00	116.04	Laser V-Coat (405nm)	N-BK7	#26-127	₹4,710 Volume Pricing	6 In Stock
40.00	40.00	35.13	Laser V-Coat (405nm)	N-SF11	#26-128	₹5,333 Volume Pricing	9 In Stock
40.00	60.00	53.90	Laser V-Coat (405nm)	N-BK7	#26-129	₹5,333 Volume Pricing	9 In Stock
40.00	300.00	296.70	Laser V-Coat (405nm)	N-BK7	#26-130	₹5,255 Volume Pricing	5 In Stock
40.00	400.00	396.70	Laser V-Coat (405nm)	N-BK7	#26-131	₹5,255 Volume Pricing	6 In Stock
50.00	50.00	43.28	Laser V-Coat (405nm)	N-SF11	#69-356	₹5,722 Volume Pricing	9 In Stock
50.00	75.00	67.7	Laser V-Coat (405nm)	N-BK7	#69-357	₹5,566 Volume Pricing	17 In Stock
50.00	100.00	93.41	Laser V-Coat (405nm)	N-BK7	#69-358	₹5,372 Volume Pricing	1 In Stock

50.00	125.00	118.39	Laser V-Coat (405nm)	N-BK7	#69-359	₹5,372 Volume Pricing	14 In Stock
50.00	150.00	144.07	Laser V-Coat (405nm)	N-BK7	#69-360	₹5,372 Volume Pricing	Contact Us
50.00	175.00	169.05	Laser V-Coat (405nm)	N-BK7	#69-361	₹5,372 Volume Pricing	2 In Stock
50.00	200.00	196.66	Laser V-Coat (405nm)	N-BK7	#69-362	₹5,372 Volume Pricing	3 In Stock
50.00	250.00	246.74	Laser V-Coat (405nm)	N-BK7	#69-363	₹5,372 Volume Pricing	8 In Stock
50.00	500.00	496.7	Laser V-Coat (405nm)	N-BK7	#69-364	₹5,372 Volume Pricing	20+ 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