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TECHSPEC®

785nm Laser Line Coated Plano-Convex (PCX) Lenses



- <0.25% Reflection at 785nm
- 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

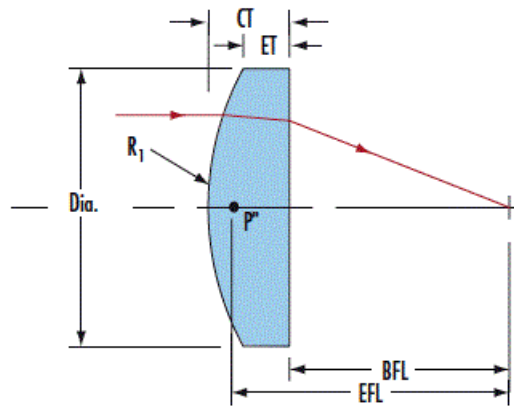
Bevel: Protective as needed

Optical Properties

Coating: Laser V-Coat (785nm)

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):	785	Damage Threshold, By Design:	5 J/cm ² @ 785nm, 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 (785nm)	N-SF11	#89-014	C\$82.40 Volume Pricing	2 In Stock
5.00	10.00	8.92	Laser V-Coat (785nm)	N-BK7	#89-015	C\$82.40 Volume Pricing	Contact Us
5.00	12.00	10.83	Laser V-Coat (785nm)	N-BK7	#89-016	C\$82.40 Volume Pricing	5 In Stock
5.00	15.00	13.94	Laser V-Coat (785nm)	N-BK7	#89-017	C\$82.40 Volume Pricing	2 In Stock
5.00	20.00	19.02	Laser V-Coat (785nm)	N-BK7	#89-018	C\$82.40 Volume Pricing	2 In Stock
5.00	25.00	23.95	Laser V-Coat (785nm)	N-BK7	#89-019	C\$82.40 Volume Pricing	7 In Stock
5.00	30.00	28.95	Laser V-Coat (785nm)	N-BK7	#89-020	C\$82.40 Volume Pricing	8 In Stock
6.00	6.00	4.60	Laser V-Coat (785nm)	N-SF11	#65-509	C\$71.06 Volume Pricing	5 In Stock
6.00	7.50	6.1	Laser V-Coat (785nm)	N-SF11	#69-465	C\$70.31 Volume Pricing	5 In Stock
6.00	9.00	7.95	Laser V-Coat (785nm)	N-SF5	#66-263	C\$70.31 Volume Pricing	8 In Stock
6.00	12.00	10.94	Laser V-Coat (785nm)	N-BK7	#65-510	C\$68.04 Volume Pricing	9 In Stock
6.00	15.00	13.68	Laser V-Coat (785nm)	N-BK7	#69-466	C\$68.04 Volume Pricing	17 In Stock

6.00	18.00	17.07	Laser V-Coat (785nm)	N-BK7	#65-511	C\$68.80 Volume Pricing	14 In Stock
6.00	21.00	20.06	Laser V-Coat (785nm)	N-BK7	#69-467	C\$68.80 Volume Pricing	5 In Stock
6.00	24.00	23.01	Laser V-Coat (785nm)	N-BK7	#65-512	C\$68.80 Volume Pricing	10 In Stock
6.00	30.00	29.14	Laser V-Coat (785nm)	N-BK7	#65-513	C\$68.04 Volume Pricing	17 In Stock
6.00	36.00	34.95	Laser V-Coat (785nm)	N-BK7	#69-468	C\$68.80 Volume Pricing	Contact Us
6.00	48.00	46.96	Laser V-Coat (785nm)	N-BK7	#69-469	C\$68.80 Volume Pricing	5 In Stock
6.00	60.00	58.96	Laser V-Coat (785nm)	N-BK7	#69-470	C\$68.80 Volume Pricing	9 In Stock
6.00	72.00	70.97	Laser V-Coat (785nm)	N-BK7	#69-471	C\$68.80 Volume Pricing	20+ In Stock
9.00	9.00	7.32	Laser V-Coat (785nm)	N-SF11	#65-514	C\$71.82 Volume Pricing	20+ In Stock
9.00	13.50	11.94	Laser V-Coat (785nm)	N-SF5	#66-264	C\$71.82 Volume Pricing	20+ In Stock
9.00	12.00	10.60	Laser V-Coat (785nm)	N-SF11	#69-472	C\$71.82 Volume Pricing	9 In Stock
9.00	15.00	13.02	Laser V-Coat (785nm)	N-BK7	#69-473	C\$71.82 Volume Pricing	12 In Stock
9.00	18.00	16.41	Laser V-Coat (785nm)	N-BK7	#65-515	C\$70.31 Volume Pricing	4 In Stock
9.00	22.00	20.73	Laser V-Coat (785nm)	N-BK7	#69-474	C\$70.31 Volume Pricing	11 In Stock

9.00	27.00	25.34	Laser V-Coat (785nm)	N-BK7	#65-516	C\$70.31 Volume Pricing	2 In Stock
9.00	36.00	34.48	Laser V-Coat (785nm)	N-BK7	#65-517	C\$70.31 Volume Pricing	Contact Us
9.00	45.00	43.98	Laser V-Coat (785nm)	N-BK7	#65-518	C\$70.31 Volume Pricing	5 In Stock
9.00	54.00	52.69	Laser V-Coat (785nm)	N-BK7	#69-475	C\$70.31 Volume Pricing	11 In Stock
9.00	72.00	70.68	Laser V-Coat (785nm)	N-BK7	#69-476	C\$70.31 Volume Pricing	7 In Stock
9.00	90.00	88.68	Laser V-Coat (785nm)	N-BK7	#69-477	C\$70.31 Volume Pricing	7 In Stock
10.00	10.00	8.18	Laser V-Coat (785nm)	N-SF11	#69-478	C\$71.82 Volume Pricing	20+ In Stock
10.00	15.00	13.32	Laser V-Coat (785nm)	N-SF11	#69-479	C\$71.82 Volume Pricing	10 In Stock
10.00	20.00	18.03	Laser V-Coat (785nm)	N-BK7	#69-480	C\$70.31 Volume Pricing	14 In Stock
10.00	25.00	23.02	Laser V-Coat (785nm)	N-BK7	#69-481	C\$70.31 Volume Pricing	Contact Us
10.00	30.00	28.01	Laser V-Coat (785nm)	N-BK7	#69-482	C\$70.31 Volume Pricing	5 In Stock
10.00	40.00	38.02	Laser V-Coat (785nm)	N-BK7	#69-483	C\$70.31 Volume Pricing	14 In Stock
10.00	50.00	48.02	Laser V-Coat (785nm)	N-BK7	#69-484	C\$70.31 Volume Pricing	14 In Stock
10.00	75.00	73.02	Laser V-Coat (785nm)	N-BK7	#69-485	C\$70.31 Volume Pricing	5 In Stock

10.00	100.00	98.02	Laser V-Coat (785nm)	N-BK7	#69-486	C\$70.31 Volume Pricing	15 In Stock
12.00	12.00	9.76	Laser V-Coat (785nm)	N-SF11	#65-519	C\$74.84 Volume Pricing	4 In Stock
12.00	15.00	12.03	Laser V-Coat (785nm)	N-BK7	#69-487	C\$74.84 Volume Pricing	20+ In Stock
12.00	18.00	16.22	Laser V-Coat (785nm)	N-SF5	#66-265	C\$74.84 Volume Pricing	7 In Stock
12.00	20.00	17.69	Laser V-Coat (785nm)	N-BK7	#69-488	C\$74.84 Volume Pricing	1 In Stock
12.00	24.00	22.15	Laser V-Coat (785nm)	N-BK7	#65-520	C\$73.33 Volume Pricing	20+ In Stock
12.00	30.00	28.02	Laser V-Coat (785nm)	N-BK7	#69-489	C\$73.33 Volume Pricing	Contact Us
12.00	42.00	40.22	Laser V-Coat (785nm)	N-BK7	#69-490	C\$73.33 Volume Pricing	6 In Stock
12.00	48.00	46.36	Laser V-Coat (785nm)	N-BK7	#65-522	C\$73.33 Volume Pricing	20+ In Stock
12.00	60.00	58.37	Laser V-Coat (785nm)	N-BK7	#65-523	C\$73.33 Volume Pricing	4 In Stock
12.00	54.00	52.02	Laser V-Coat (785nm)	N-BK7	#69-491	C\$73.33 Volume Pricing	1 In Stock
12.00	72.00	70.42	Laser V-Coat (785nm)	N-BK7	#69-492	C\$73.33 Volume Pricing	Contact Us
12.00	84.00	82.39	Laser V-Coat (785nm)	N-BK7	#69-493	C\$73.33 Volume Pricing	7 In Stock
12.00	100.00	98.25	Laser V-Coat (785nm)	N-BK7	#69-494	C\$73.33 Volume Pricing	20+ In Stock

15.00	15.00	11.71	Laser V-Coat (785nm)	N-SF5	#87-609	C\$77.11 Volume Pricing	17 In Stock
15.00	18.00	15.61	Laser V-Coat (785nm)	N-SF5	#87-610	C\$77.11 Volume Pricing	16 In Stock
15.00	20.00	17.74	Laser V-Coat (785nm)	N-SF5	#87-611	C\$77.11 Volume Pricing	16 In Stock
15.00	22.50	20.50	Laser V-Coat (785nm)	N-SF5	#87-612	C\$77.11 Volume Pricing	12 In Stock
20.00	20.00	17.42	Laser V-Coat (785nm)	N-SF11	#89-021	C\$84.67 Volume Pricing	20+ In Stock
20.00	25.00	22.76	Laser V-Coat (785nm)	N-SF11	#89-022	C\$83.92 Volume Pricing	9 In Stock
20.00	35.00	32.04	Laser V-Coat (785nm)	N-BK7	#89-023	C\$83.92 Volume Pricing	14 In Stock
20.00	40.00	36.77	Laser V-Coat (785nm)	N-BK7	#89-024	C\$81.65 Volume Pricing	4 In Stock
20.00	50.00	47.87	Laser V-Coat (785nm)	N-BK7	#89-025	C\$81.65 Volume Pricing	8 In Stock
20.00	60.00	57.03	Laser V-Coat (785nm)	N-BK7	#89-026	C\$81.65 Volume Pricing	5 In Stock
20.00	70.00	68.03	Laser V-Coat (785nm)	N-BK7	#89-027	C\$81.65 Volume Pricing	5 In Stock
20.00	80.00	78.45	Laser V-Coat (785nm)	N-BK7	#89-028	C\$81.65 Volume Pricing	6 In Stock
20.00	100.00	97.13	Laser V-Coat (785nm)	N-BK7	#89-029	C\$81.65 Volume Pricing	7 In Stock
20.00	150.00	148.02	Laser V-Coat (785nm)	N-BK7	#89-030	C\$81.65 Volume Pricing	20+ In Stock

25.00	25.00	20.22	Laser V-Coat (785nm)	N-SF5	#65-524	C\$84.67 Volume Pricing	17 In Stock
25.00	30.00	24.69	Laser V-Coat (785nm)	N-BK7	#69-495	C\$84.67 Volume Pricing	5 In Stock
25.00	35.00	30.42	Laser V-Coat (785nm)	N-BK7	#69-496	C\$84.67 Volume Pricing	1 In Stock
25.00	40.00	36.31	Laser V-Coat (785nm)	N-BK7	#69-497	C\$84.67 Volume Pricing	6 In Stock
25.00	50.00	46.75	Laser V-Coat (785nm)	N-BK7	#65-525	C\$81.65 Volume Pricing	11 In Stock
25.00	60.00	56.90	Laser V-Coat (785nm)	N-BK7	#69-498	C\$81.65 Volume Pricing	5 In Stock
25.00	75.00	72.00	Laser V-Coat (785nm)	N-BK7	#65-526	C\$81.65 Volume Pricing	12 In Stock
25.00	85.00	82.17	Laser V-Coat (785nm)	N-BK7	#69-499	C\$81.65 Volume Pricing	14 In Stock
25.00	100.00	97.17	Laser V-Coat (785nm)	N-BK7	#65-527	C\$81.65 Volume Pricing	16 In Stock
25.00	125.00	122.70	Laser V-Coat (785nm)	N-BK7	#65-528	C\$81.65 Volume Pricing	1 In Stock
25.00	150.00	147.81	Laser V-Coat (785nm)	N-BK7	#69-500	C\$81.65 Volume Pricing	2 In Stock
25.00	175.00	172.85	Laser V-Coat (785nm)	N-BK7	#69-501	C\$81.65 Volume Pricing	Contact Us
25.00	250.00	248.02	Laser V-Coat (785nm)	N-BK7	#69-502	C\$81.65 Volume Pricing	2 In Stock
25.00	300.00	298.02	Laser V-Coat (785nm)	N-BK7	#69-503	C\$81.65 Volume Pricing	12 In Stock

25.00	500.00	497.89	Laser V-Coat (785nm)	N-BK7	#69-504	C\$81.65 Volume Pricing	Contact Us
25.00	750.00	747.89	Laser V-Coat (785nm)	N-BK7	#69-505	C\$81.65 Volume Pricing	2 In Stock
30.00	30.00	26.13	Laser V-Coat (785nm)	N-SF11	#26-150	C\$96.01 Volume Pricing	8 In Stock
30.00	40.00	37.20	Laser V-Coat (785nm)	N-SF11	#26-151	C\$93.74 Volume Pricing	9 In Stock
30.00	50.00	46.17	Laser V-Coat (785nm)	N-SF5	#26-152	C\$93.74 Volume Pricing	9 In Stock
30.00	100.00	96.01	Laser V-Coat (785nm)	N-BK7	#26-153	C\$91.48 Volume Pricing	5 In Stock
30.00	120.00	116.04	Laser V-Coat (785nm)	N-BK7	#26-154	C\$91.48 Volume Pricing	5 In Stock
40.00	40.00	35.13	Laser V-Coat (785nm)	N-SF11	#26-155	C\$103.57 Volume Pricing	9 In Stock
40.00	60.00	53.90	Laser V-Coat (785nm)	N-BK7	#26-156	C\$103.57 Volume Pricing	5 In Stock
40.00	300.00	296.70	Laser V-Coat (785nm)	N-BK7	#26-157	C\$102.06 Volume Pricing	3 In Stock
40.00	400.00	396.70	Laser V-Coat (785nm)	N-BK7	#26-158	C\$102.06 Volume Pricing	3 In Stock
50.00	50.00	43.28	Laser V-Coat (785nm)	N-SF11	#69-506	C\$111.13 Volume Pricing	8 In Stock
50.00	75.00	67.70	Laser V-Coat (785nm)	N-BK7	#69-507	C\$108.11 Volume Pricing	6 In Stock
50.00	100.00	93.41	Laser V-Coat (785nm)	N-BK7	#69-508	C\$104.33 Volume Pricing	1 In Stock

50.00	125.00	118.39	Laser V-Coat (785nm)	N-BK7	#69-509	C\$104.33 Volume Pricing	6 In Stock
50.00	150.00	144.07	Laser V-Coat (785nm)	N-BK7	#69-510	C\$104.33 Volume Pricing	3 In Stock
50.00	175.00	169.05	Laser V-Coat (785nm)	N-BK7	#69-511	C\$104.33 Volume Pricing	Contact Us
50.00	200.00	196.66	Laser V-Coat (785nm)	N-BK7	#69-512	C\$104.33 Volume Pricing	1 In Stock
50.00	250.00	246.74	Laser V-Coat (785nm)	N-BK7	#69-513	C\$104.33 Volume Pricing	6 In Stock
50.00	500.00	496.70	Laser V-Coat (785nm)	N-BK7	#69-514	C\$104.33 Volume Pricing	9 In Stock



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