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TECHSPEC®

633nm Laser Line Coated Plano-Convex (PCX) Lenses



- <0.25% Reflection at 633nm for HeNe 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

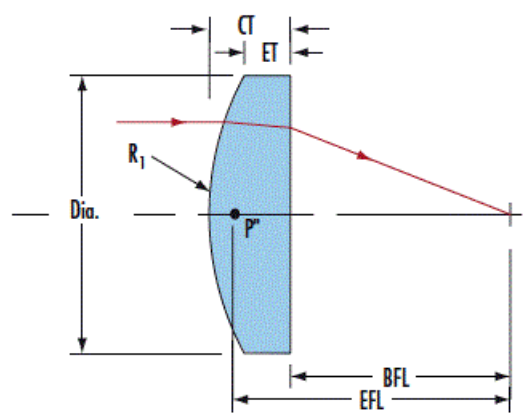
Bevel: Protective as needed

Optical Properties

Coating: Laser V-Coat (633nm)

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):	633	Damage Threshold, By Design:	5 J/cm ² @ 633nm, 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 (633nm)	N-SF11	#88-997	S\$83.30 Volume Pricing	15 In Stock
5.00	10.00	8.92	Laser V-Coat (633nm)	N-BK7	#88-998	S\$83.30 Volume Pricing	Contact Us
5.00	12.00	10.83	Laser V-Coat (633nm)	N-BK7	#88-999	S\$83.30 Volume Pricing	5 In Stock
5.00	15.00	13.94	Laser V-Coat (633nm)	N-BK7	#89-000	S\$83.30 Volume Pricing	5 In Stock
5.00	20.00	19.02	Laser V-Coat (633nm)	N-BK7	#89-001	S\$83.30 Volume Pricing	5 In Stock
5.00	25.00	23.95	Laser V-Coat (633nm)	N-BK7	#89-002	S\$83.30 Volume Pricing	3 In Stock
5.00	30.00	28.95	Laser V-Coat (633nm)	N-BK7	#89-003	S\$83.30 Volume Pricing	3 In Stock
6.00	6.00	4.60	Laser V-Coat (633nm)	N-SF11	#65-489	S\$71.40 Volume Pricing	2 In Stock
6.00	7.50	6.10	Laser V-Coat (633nm)	N-SF11	#69-415	S\$70.70 Volume Pricing	12 In Stock
6.00	9.00	7.95	Laser V-Coat (633nm)	N-SF5	#66-260	S\$70.70 Volume Pricing	20+ In Stock
6.00	12.00	10.94	Laser V-Coat (633nm)	N-BK7	#65-490	S\$68.60 Volume Pricing	20+ In Stock
6.00	15.00	13.68	Laser V-Coat (633nm)	N-BK7	#69-416	S\$68.60 Volume Pricing	16 In Stock

6.00	18.00	17.07	Laser V-Coat (633nm)	N-BK7	#65-491	S\$69.30 Volume Pricing	10 In Stock
6.00	21.00	20.06	Laser V-Coat (633nm)	N-BK7	#69-417	S\$69.30 Volume Pricing	20+ In Stock
6.00	24.00	23.01	Laser V-Coat (633nm)	N-BK7	#65-492	S\$69.30 Volume Pricing	10 In Stock
6.00	30.00	29.14	Laser V-Coat (633nm)	N-BK7	#65-493	S\$68.60 Volume Pricing	4 In Stock
6.00	36.00	34.95	Laser V-Coat (633nm)	N-BK7	#69-418	S\$69.30 Volume Pricing	14 In Stock
6.00	48.00	46.95	Laser V-Coat (633nm)	N-BK7	#69-419	S\$69.30 Volume Pricing	2 In Stock
6.00	72.00	70.97	Laser V-Coat (633nm)	N-BK7	#69-421	S\$69.30 Volume Pricing	12 In Stock
6.00	60.00	58.95	Laser V-Coat (633nm)	N-BK7	#69-420	S\$69.30 Volume Pricing	20+ In Stock
9.00	9.00	7.32	Laser V-Coat (633nm)	N-SF11	#65-494	S\$72.80 Volume Pricing	20+ In Stock
9.00	12.00	10.60	Laser V-Coat (633nm)	N-SF11	#69-422	S\$72.80 Volume Pricing	2 In Stock
9.00	13.50	11.94	Laser V-Coat (633nm)	N-SF5	#66-261	S\$72.80 Volume Pricing	20+ In Stock
9.00	15.00	13.02	Laser V-Coat (633nm)	N-BK7	#69-423	S\$72.80 Volume Pricing	12 In Stock
9.00	18.00	16.41	Laser V-Coat (633nm)	N-BK7	#65-495	S\$70.70 Volume Pricing	1 In Stock
9.00	22.00	20.73	Laser V-Coat (633nm)	N-BK7	#69-424	S\$70.70 Volume Pricing	6 In Stock

9.00	27.00	25.34	Laser V-Coat (633nm)	N-BK7	#65-496	S\$70.70 Volume Pricing	11 In Stock
9.00	36.00	34.48	Laser V-Coat (633nm)	N-BK7	#65-497	S\$70.70 Volume Pricing	7 In Stock
9.00	45.00	43.98	Laser V-Coat (633nm)	N-BK7	#65-498	S\$70.70 Volume Pricing	14 In Stock
9.00	54.00	52.69	Laser V-Coat (633nm)	N-BK7	#69-425	S\$70.70 Volume Pricing	2 In Stock
9.00	72.00	70.68	Laser V-Coat (633nm)	N-BK7	#69-426	S\$70.70 Volume Pricing	1 In Stock
9.00	90.00	88.68	Laser V-Coat (633nm)	N-BK7	#69-427	S\$70.70 Volume Pricing	Contact Us
10.00	10.00	8.18	Laser V-Coat (633nm)	N-SF11	#69-428	S\$72.80 Volume Pricing	13 In Stock
10.00	15.00	13.32	Laser V-Coat (633nm)	N-SF11	#69-429	S\$72.80 Volume Pricing	10 In Stock
10.00	20.00	18.03	Laser V-Coat (633nm)	N-BK7	#69-430	S\$70.70 Volume Pricing	2 In Stock
10.00	25.00	23.02	Laser V-Coat (633nm)	N-BK7	#69-431	S\$70.70 Volume Pricing	3 In Stock
10.00	30.00	28.01	Laser V-Coat (633nm)	N-BK7	#69-432	S\$70.70 Volume Pricing	Contact Us
10.00	40.00	38.02	Laser V-Coat (633nm)	N-BK7	#69-433	S\$70.70 Volume Pricing	20+ In Stock
10.00	50.00	48.02	Laser V-Coat (633nm)	N-BK7	#69-434	S\$70.70 Volume Pricing	2 In Stock
10.00	75.00	73.02	Laser V-Coat (633nm)	N-BK7	#69-435	S\$70.70 Volume Pricing	13 In Stock

10.00	100.00	98.02	Laser V-Coat (633nm)	N-BK7	#69-436	S\$70.70 Volume Pricing	6 In Stock
12.00	12.00	9.76	Laser V-Coat (633nm)	N-SF11	#65-499	S\$75.60 Volume Pricing	15 In Stock
12.00	15.00	12.03	Laser V-Coat (633nm)	N-BK7	#69-437	S\$75.60 Volume Pricing	20+ In Stock
12.00	18.00	16.22	Laser V-Coat (633nm)	N-SF5	#66-262	S\$75.60 Volume Pricing	15 In Stock
12.00	20.00	17.69	Laser V-Coat (633nm)	N-BK7	#69-438	S\$75.60 Volume Pricing	12 In Stock
12.00	24.00	22.15	Laser V-Coat (633nm)	N-BK7	#65-500	S\$74.20 Volume Pricing	11 In Stock
12.00	30.00	28.02	Laser V-Coat (633nm)	N-BK7	#69-439	S\$74.20 Volume Pricing	7 In Stock
12.00	42.00	40.22	Laser V-Coat (633nm)	N-BK7	#69-440	S\$74.20 Volume Pricing	14 In Stock
12.00	48.00	46.36	Laser V-Coat (633nm)	N-BK7	#65-502	S\$74.20 Volume Pricing	Contact Us
12.00	54.00	52.02	Laser V-Coat (633nm)	N-BK7	#69-441	S\$74.20 Volume Pricing	8 In Stock
12.00	60.00	58.37	Laser V-Coat (633nm)	N-BK7	#65-503	S\$74.20 Volume Pricing	4 In Stock
12.00	72.00	70.42	Laser V-Coat (633nm)	N-BK7	#69-442	S\$74.20 Volume Pricing	Contact Us
12.00	84.00	82.39	Laser V-Coat (633nm)	N-BK7	#69-443	S\$74.20 Volume Pricing	5 In Stock
12.00	100.00	98.35	Laser V-Coat (633nm)	N-BK7	#69-444	S\$74.20 Volume Pricing	5 In Stock

15.00	15.00	11.71	Laser V-Coat (633nm)	N-SF5	#87-605	S\$77.70 Volume Pricing	4 In Stock
15.00	18.00	15.61	Laser V-Coat (633nm)	N-SF5	#87-606	S\$77.70 Volume Pricing	11 In Stock
15.00	20.00	17.74	Laser V-Coat (633nm)	N-SF5	#87-607	S\$77.70 Volume Pricing	16 In Stock
15.00	22.50	20.50	Laser V-Coat (633nm)	N-SF5	#87-608	S\$77.70 Volume Pricing	20+ In Stock
20.00	20.00	17.42	Laser V-Coat (633nm)	N-SF11	#89-004	S\$85.40 Volume Pricing	3 In Stock
20.00	25.00	22.76	Laser V-Coat (633nm)	N-SF11	#89-005	S\$84.70 Volume Pricing	6 In Stock
20.00	35.00	32.04	Laser V-Coat (633nm)	N-BK7	#89-006	S\$84.70 Volume Pricing	5 In Stock
20.00	40.00	36.77	Laser V-Coat (633nm)	N-BK7	#89-007	S\$82.60 Volume Pricing	20+ In Stock
20.00	50.00	47.87	Laser V-Coat (633nm)	N-BK7	#89-008	S\$82.60 Volume Pricing	4 In Stock
20.00	60.00	57.03	Laser V-Coat (633nm)	N-BK7	#89-009	S\$82.60 Volume Pricing	13 In Stock
20.00	70.00	68.03	Laser V-Coat (633nm)	N-BK7	#89-010	S\$82.60 Volume Pricing	5 In Stock
20.00	80.00	78.45	Laser V-Coat (633nm)	N-BK7	#89-011	S\$82.60 Volume Pricing	2 In Stock
20.00	100.00	97.13	Laser V-Coat (633nm)	N-BK7	#89-012	S\$82.60 Volume Pricing	7 In Stock
20.00	150.00	148.02	Laser V-Coat (633nm)	N-BK7	#89-013	S\$82.60 Volume Pricing	Contact Us

25.00	25.00	20.22	Laser V-Coat (633nm)	N-SF5	#65-504	S\$85.40 Volume Pricing	5 In Stock
25.00	30.00	24.69	Laser V-Coat (633nm)	N-BK7	#69-445	S\$85.40 Volume Pricing	1 In Stock
25.00	35.00	30.42	Laser V-Coat (633nm)	N-BK7	#69-446	S\$85.40 Volume Pricing	14 In Stock
25.00	40.00	36.31	Laser V-Coat (633nm)	N-BK7	#69-447	S\$85.40 Volume Pricing	16 In Stock
25.00	50.00	46.75	Laser V-Coat (633nm)	N-BK7	#65-505	S\$82.60 Volume Pricing	11 In Stock
25.00	60.00	56.9	Laser V-Coat (633nm)	N-BK7	#69-448	S\$82.60 Volume Pricing	20+ In Stock
25.00	75.00	72.00	Laser V-Coat (633nm)	N-BK7	#65-506	S\$82.60 Volume Pricing	3 In Stock
25.00	85.00	82.17	Laser V-Coat (633nm)	N-BK7	#69-449	S\$82.60 Volume Pricing	Contact Us
25.00	100.00	97.17	Laser V-Coat (633nm)	N-BK7	#65-507	S\$82.60 Volume Pricing	9 In Stock
25.00	125.00	122.70	Laser V-Coat (633nm)	N-BK7	#65-508	S\$82.60 Volume Pricing	9 In Stock
25.00	150.00	147.81	Laser V-Coat (633nm)	N-BK7	#69-450	S\$82.60 Volume Pricing	4 In Stock
25.00	175.00	172.85	Laser V-Coat (633nm)	N-BK7	#69-451	S\$82.60 Volume Pricing	Contact Us
25.00	250.00	248.02	Laser V-Coat (633nm)	N-BK7	#69-452	S\$82.60 Volume Pricing	4 In Stock
25.00	300.00	298.02	Laser V-Coat (633nm)	N-BK7	#69-453	S\$82.60 Volume Pricing	4 In Stock

25.00	500.00	497.89	Laser V-Coat (633nm)	N-BK7	#69-454	S\$82.60 Volume Pricing	5 In Stock
25.00	750.00	747.89	Laser V-Coat (633nm)	N-BK7	#69-455	S\$82.60 Volume Pricing	3 In Stock
30.00	30.00	26.13	Laser V-Coat (633nm)	N-SF11	#26-141	S\$97.30 Volume Pricing	5 In Stock
30.00	40.00	37.20	Laser V-Coat (633nm)	N-SF11	#26-142	S\$94.50 Volume Pricing	5 In Stock
30.00	50.00	46.17	Laser V-Coat (633nm)	N-SF5	#26-143	S\$94.50 Volume Pricing	Contact Us
30.00	100.00	96.01	Laser V-Coat (633nm)	N-BK7	#26-144	S\$92.40 Volume Pricing	4 In Stock
30.00	120.00	116.04	Laser V-Coat (633nm)	N-BK7	#26-145	S\$92.40 Volume Pricing	5 In Stock
40.00	40.00	35.13	Laser V-Coat (633nm)	N-SF11	#26-146	S\$105.00 Volume Pricing	1 In Stock
40.00	60.00	53.90	Laser V-Coat (633nm)	N-BK7	#26-147	S\$105.00 Volume Pricing	2 In Stock
40.00	300.00	296.70	Laser V-Coat (633nm)	N-BK7	#26-148	S\$102.90 Volume Pricing	4 In Stock
40.00	400.00	396.70	Laser V-Coat (633nm)	N-BK7	#26-149	S\$102.90 Volume Pricing	4 In Stock
50.00	50.00	43.28	Laser V-Coat (633nm)	N-SF11	#69-456	S\$112.70 Volume Pricing	14 In Stock
50.00	75.00	67.70	Laser V-Coat (633nm)	N-BK7	#69-457	S\$109.90 Volume Pricing	1 In Stock
50.00	100.00	93.41	Laser V-Coat (633nm)	N-BK7	#69-458	S\$105.70 Volume Pricing	5 In Stock

50.00	125.00	118.39	Laser V-Coat (633nm)	N-BK7	#69-459	S\$105.70 Volume Pricing	Contact Us
50.00	150.00	144.07	Laser V-Coat (633nm)	N-BK7	#69-460	S\$105.70 Volume Pricing	Contact Us
50.00	175.00	169.05	Laser V-Coat (633nm)	N-BK7	#69-461	S\$105.70 Volume Pricing	7 In Stock
50.00	200.00	196.66	Laser V-Coat (633nm)	N-BK7	#69-462	S\$105.70 Volume Pricing	6 In Stock
50.00	250.00	246.74	Laser V-Coat (633nm)	N-BK7	#69-463	S\$105.70 Volume Pricing	2 In Stock
50.00	500.00	496.70	Laser V-Coat (633nm)	N-BK7	#69-464	S\$105.70 Volume Pricing	13 In Stock



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