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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 bevel 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

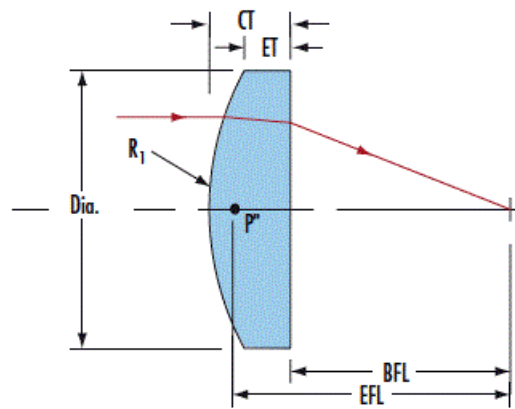
Design Wavelength DWL (nm):

633

Damage Threshold, By Design:

5 J/cm² @ 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	€54,50 Qty 10+ €49,25	3-4 days
5.00	10.00	8.92	Laser V- Coat (633nm)	N-BK7	#88-998	€54,50 Qty 10+ €49,25	3-4 days
5.00	12.00	10.83	Laser V- Coat (633nm)	N-BK7	#88-999	€54,50 Qty 10+ €49,25	3-4 days
5.00	15.00	13.94	Laser V- Coat (633nm)	N-BK7	#89-000	€54,50 Qty 10+ €49,25	3-4 days
5.00	20.00	19.02	Laser V- Coat (633nm)	N-BK7	#89-001	€54,50 Qty 10+ €49,25	3-4 days
5.00	25.00	23.95	Laser V- Coat (633nm)	N-BK7	#89-002	€54,50 Qty 10+ €49,25	3-4 days
5.00	30.00	28.95	Laser V- Coat (633nm)	N-BK7	#89-003	€54,50 Qty 10+ €49,25	3-4 days
6.00	6.00	4.60	Laser V- Coat (633nm)	N-SF11	#65-489	€47,00 Qty 10+ €42,50	3-4 days
6.00	7.50	6.10	Laser V- Coat (633nm)	N-SF11	#69-415	€46,50 Qty 10+ €42,00	3-4 days
6.00	9.00	7.95	Laser V- Coat (633nm)	N-SF5	#66-260	€46,50 Qty 10+ €42,00	3-4 days
6.00	12.00	10.94	Laser V- Coat (633nm)	N-BK7	#65-490	€45,00 Qty 10+ €40,50	3-4 days
6.00	15.00	13.68	Laser V- Coat (633nm)	N-BK7	#69-416	€45,00 Qty 10+ €40,50	3-4 days

6.00	18.00	17.07	Laser V-Coat (633nm)	N-BK7	#65-491	€45,50 Qty 10+ €41,00	3-4 days
6.00	21.00	20.06	Laser V-Coat (633nm)	N-BK7	#69-417	€45,50 Qty 10+ €41,00	3-4 days
6.00	24.00	23.01	Laser V-Coat (633nm)	N-BK7	#65-492	€45,50 Qty 10+ €41,00	3-4 days
6.00	30.00	29.14	Laser V-Coat (633nm)	N-BK7	#65-493	€45,00 Qty 10+ €40,50	3-4 days
6.00	36.00	34.95	Laser V-Coat (633nm)	N-BK7	#69-418	€45,50 Qty 10+ €41,00	3-4 days
6.00	48.00	46.95	Laser V-Coat (633nm)	N-BK7	#69-419	€45,50 Qty 10+ €41,00	Contact Us
6.00	72.00	70.97	Laser V-Coat (633nm)	N-BK7	#69-421	€45,50 Qty 10+ €41,00	3-4 days
6.00	60.00	58.95	Laser V-Coat (633nm)	N-BK7	#69-420	€45,50 Qty 10+ €41,00	In Stock
9.00	9.00	7.32	Laser V-Coat (633nm)	N-SF11	#65-494	€47,50 Qty 10+ €42,75	3-4 days
9.00	12.00	10.60	Laser V-Coat (633nm)	N-SF11	#69-422	€47,50 Qty 10+ €42,75	3-4 days
9.00	13.50	11.94	Laser V-Coat (633nm)	N-SF5	#66-261	€47,50 Qty 10+ €42,75	3-4 days
9.00	15.00	13.02	Laser V-Coat (633nm)	N-BK7	#69-423	€47,50 Qty 10+ €42,75	3-4 days
9.00	18.00	16.41	Laser V-Coat (633nm)	N-BK7	#65-495	€46,50 Qty 10+ €42,00	3-4 days
9.00	22.00	20.73	Laser V-Coat (633nm)	N-BK7	#69-424	€46,50 Qty 10+ €42,00	3-4 days

9.00	27.00	25.34	Laser V-Coat (633nm)	N-BK7	#65-496	€46,50 Qty 10+ €42,00	3-4 days
9.00	36.00	34.48	Laser V-Coat (633nm)	N-BK7	#65-497	€46,50 Qty 10+ €42,00	3-4 days
9.00	45.00	43.98	Laser V-Coat (633nm)	N-BK7	#65-498	€46,50 Qty 10+ €42,00	3-4 days
9.00	54.00	52.69	Laser V-Coat (633nm)	N-BK7	#69-425	€46,50 Qty 10+ €42,00	3-4 days
9.00	72.00	70.68	Laser V-Coat (633nm)	N-BK7	#69-426	€46,50 Qty 10+ €42,00	In Stock
9.00	90.00	88.68	Laser V-Coat (633nm)	N-BK7	#69-427	€46,50 Qty 10+ €42,00	Contact Us
10.00	10.00	8.18	Laser V-Coat (633nm)	N-SF11	#69-428	€47,50 Qty 10+ €42,75	3-4 days
10.00	15.00	13.32	Laser V-Coat (633nm)	N-SF11	#69-429	€47,50 Qty 10+ €42,75	3-4 days
10.00	20.00	18.03	Laser V-Coat (633nm)	N-BK7	#69-430	€46,50 Qty 10+ €42,00	3-4 days
10.00	25.00	23.02	Laser V-Coat (633nm)	N-BK7	#69-431	€46,50 Qty 10+ €42,00	3-4 days
10.00	30.00	28.01	Laser V-Coat (633nm)	N-BK7	#69-432	€46,50 Qty 10+ €42,00	In Stock
10.00	40.00	38.02	Laser V-Coat (633nm)	N-BK7	#69-433	€46,50 Qty 10+ €42,00	In Stock
10.00	50.00	48.02	Laser V-Coat (633nm)	N-BK7	#69-434	€46,50 Qty 10+ €42,00	3-4 days
10.00	75.00	73.02	Laser V-Coat (633nm)	N-BK7	#69-435	€46,50 Qty 10+ €42,00	3-4 days

10.00	100.00	98.02	Laser V-Coat (633nm)	N-BK7	#69-436	€46,50 Qty 10+ €42,00	3-4 days
12.00	12.00	9.76	Laser V-Coat (633nm)	N-SF11	#65-499	€49,50 Qty 10+ €44,75	3-4 days
12.00	15.00	12.03	Laser V-Coat (633nm)	N-BK7	#69-437	€49,50 Qty 10+ €44,75	3-4 days
12.00	18.00	16.22	Laser V-Coat (633nm)	N-SF5	#66-262	€49,50 Qty 10+ €44,75	3-4 days
12.00	20.00	17.69	Laser V-Coat (633nm)	N-BK7	#69-438	€49,50 Qty 10+ €44,75	3-4 days
12.00	24.00	22.15	Laser V-Coat (633nm)	N-BK7	#65-500	€48,50 Qty 10+ €43,75	3-4 days
12.00	30.00	28.02	Laser V-Coat (633nm)	N-BK7	#69-439	€48,50 Qty 10+ €43,75	3-4 days
12.00	42.00	40.22	Laser V-Coat (633nm)	N-BK7	#69-440	€48,50 Qty 10+ €43,75	3-4 days
12.00	48.00	46.36	Laser V-Coat (633nm)	N-BK7	#65-502	€48,50 Qty 10+ €43,75	Contact Us
12.00	54.00	52.02	Laser V-Coat (633nm)	N-BK7	#69-441	€48,50 Qty 10+ €43,75	3-4 days
12.00	60.00	58.37	Laser V-Coat (633nm)	N-BK7	#65-503	€48,50 Qty 10+ €43,75	3-4 days
12.00	72.00	70.42	Laser V-Coat (633nm)	N-BK7	#69-442	€48,50 Qty 10+ €43,75	3-4 days
12.00	84.00	82.39	Laser V-Coat (633nm)	N-BK7	#69-443	€48,50 Qty 10+ €43,75	3-4 days
12.00	100.00	98.35	Laser V-Coat (633nm)	N-BK7	#69-444	€48,50 Qty 10+ €43,75	3-4 days

15.00	15.00	11.71	Laser V-Coat (633nm)	N-SF5	#87-605	€51,00 Qty 10+ €46,00	3-4 days
15.00	18.00	15.61	Laser V-Coat (633nm)	N-SF5	#87-606	€51,00 Qty 10+ €46,00	3-4 days
15.00	20.00	17.74	Laser V-Coat (633nm)	N-SF5	#87-607	€51,00 Qty 10+ €46,00	3-4 days
15.00	22.50	20.50	Laser V-Coat (633nm)	N-SF5	#87-608	€51,00 Qty 10+ €46,00	3-4 days
20.00	20.00	17.42	Laser V-Coat (633nm)	N-SF11	#89-004	€56,00 Qty 10+ €50,50	3-4 days
20.00	25.00	22.76	Laser V-Coat (633nm)	N-SF11	#89-005	€55,50 Qty 10+ €50,00	3-4 days
20.00	35.00	32.04	Laser V-Coat (633nm)	N-BK7	#89-006	€55,50 Qty 10+ €50,00	3-4 days
20.00	40.00	36.77	Laser V-Coat (633nm)	N-BK7	#89-007	€54,00 Qty 10+ €48,75	3-4 days
20.00	50.00	47.87	Laser V-Coat (633nm)	N-BK7	#89-008	€54,00 Qty 10+ €48,75	3-4 days
20.00	60.00	57.03	Laser V-Coat (633nm)	N-BK7	#89-009	€54,00 Qty 10+ €48,75	3-4 days
20.00	70.00	68.03	Laser V-Coat (633nm)	N-BK7	#89-010	€54,00 Qty 10+ €48,75	3-4 days
20.00	80.00	78.45	Laser V-Coat (633nm)	N-BK7	#89-011	€54,00 Qty 10+ €48,75	3-4 days
20.00	100.00	97.13	Laser V-Coat (633nm)	N-BK7	#89-012	€54,00 Qty 10+ €48,75	3-4 days
20.00	150.00	148.02	Laser V-Coat (633nm)	N-BK7	#89-013	€54,00 Qty 10+ €48,75	Contact Us

25.00	25.00	20.22	Laser V-Coat (633nm)	N-SF5	#65-504	€56,00 Qty 10+ €50,50	3-4 days
25.00	30.00	24.69	Laser V-Coat (633nm)	N-BK7	#69-445	€56,00 Qty 10+ €50,50	3-4 days
25.00	35.00	30.42	Laser V-Coat (633nm)	N-BK7	#69-446	€56,00 Qty 10+ €50,50	3-4 days
25.00	40.00	36.31	Laser V-Coat (633nm)	N-BK7	#69-447	€56,00 Qty 10+ €50,50	3-4 days
25.00	50.00	46.75	Laser V-Coat (633nm)	N-BK7	#65-505	€54,00 Qty 10+ €48,75	3-4 days
25.00	60.00	56.9	Laser V-Coat (633nm)	N-BK7	#69-448	€54,00 Qty 10+ €48,75	3-4 days
25.00	75.00	72.00	Laser V-Coat (633nm)	N-BK7	#65-506	€54,00 Qty 10+ €48,75	3-4 days
25.00	85.00	82.17	Laser V-Coat (633nm)	N-BK7	#69-449	€54,00 Qty 10+ €48,75	Contact Us
25.00	100.00	97.17	Laser V-Coat (633nm)	N-BK7	#65-507	€54,00 Qty 10+ €48,75	3-4 days
25.00	125.00	122.70	Laser V-Coat (633nm)	N-BK7	#65-508	€54,00 Qty 10+ €48,75	3-4 days
25.00	150.00	147.81	Laser V-Coat (633nm)	N-BK7	#69-450	€54,00 Qty 10+ €48,75	Contact Us
25.00	175.00	172.85	Laser V-Coat (633nm)	N-BK7	#69-451	€54,00 Qty 10+ €48,75	3-4 days
25.00	250.00	248.02	Laser V-Coat (633nm)	N-BK7	#69-452	€54,00 Qty 10+ €48,75	3-4 days
25.00	300.00	298.02	Laser V-Coat (633nm)	N-BK7	#69-453	€54,00 Qty 10+ €48,75	3-4 days

25.00	500.00	497.89	Laser V-Coat (633nm)	N-BK7	#69-454	€54,00 Qty 10+ €48,75	In Stock
25.00	750.00	747.89	Laser V-Coat (633nm)	N-BK7	#69-455	€54,00 Qty 10+ €48,75	3-4 days
30.00	30.00	26.13	Laser V-Coat (633nm)	N-SF11	#26-141	€63,50 Qty 10+ €57,00	3-4 days
30.00	40.00	37.20	Laser V-Coat (633nm)	N-SF11	#26-142	€62,00 Qty 10+ €56,00	3-4 days
30.00	50.00	46.17	Laser V-Coat (633nm)	N-SF5	#26-143	€62,00 Qty 10+ €56,00	Contact Us
30.00	100.00	96.01	Laser V-Coat (633nm)	N-BK7	#26-144	€60,50 Qty 10+ €54,50	3-4 days
30.00	120.00	116.04	Laser V-Coat (633nm)	N-BK7	#26-145	€60,50 Qty 10+ €54,50	3-4 days
40.00	40.00	35.13	Laser V-Coat (633nm)	N-SF11	#26-146	€68,50 Qty 10+ €61,50	3-4 days
40.00	60.00	53.90	Laser V-Coat (633nm)	N-BK7	#26-147	€68,50 Qty 10+ €61,50	3-4 days
40.00	300.00	296.70	Laser V-Coat (633nm)	N-BK7	#26-148	€67,50 Qty 10+ €60,50	3-4 days
40.00	400.00	396.70	Laser V-Coat (633nm)	N-BK7	#26-149	€67,50 Qty 10+ €60,50	3-4 days
50.00	50.00	43.28	Laser V-Coat (633nm)	N-SF11	#69-456	€73,50 Qty 10+ €66,00	3-4 days
50.00	75.00	67.70	Laser V-Coat (633nm)	N-BK7	#69-457	€71,50 Qty 10+ €64,50	3-4 days
50.00	100.00	93.41	Laser V-Coat (633nm)	N-BK7	#69-458	€69,00 Qty 10+ €62,00	3-4 days

50.00	125.00	118.39	Laser V-Coat (633nm)	N-BK7	#69-459	€69,00 Qty 10+ €62,00	Contact Us
50.00	150.00	144.07	Laser V-Coat (633nm)	N-BK7	#69-460	€69,00 Qty 10+ €62,00	3-4 days
50.00	175.00	169.05	Laser V-Coat (633nm)	N-BK7	#69-461	€69,00 Qty 10+ €62,00	3-4 days
50.00	200.00	196.66	Laser V-Coat (633nm)	N-BK7	#69-462	€69,00 Qty 10+ €62,00	3-4 days
50.00	250.00	246.74	Laser V-Coat (633nm)	N-BK7	#69-463	€69,00 Qty 10+ €62,00	3-4 days
50.00	500.00	496.70	Laser V-Coat (633nm)	N-BK7	#69-464	€69,00 Qty 10+ €62,00	In Stock



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