

### Laser Quality BK7 Plano-Convex Lenses

- Largest selection of diameters and curvatures for all types of focusing requirements
- Laser quality:  $\lambda/10$  surface figure, 10-5 surface quality
- All CVI Melles Griot low-loss, high-energy AR coatings available
- Lens mounts available
- Refer to CVI Melles Griot standard size codes, radii of curvature and radii tolerance charts

#### Build Your Own

PLCX-13.3-8.8-C — 532

#### Lens Part Number

#### Wavelength of AR Coating (nm)

425-675	633	800	1064
488-515	633-1064	830	1310
532	694	1047	1550
532/1064	755	1050-1600	2100
543	780	1053	

### SPECIFICATIONS: Laser Quality BK7 Plano-Convex Lenses

<b>Optical Material</b>	N-BK7
<b>Surface Figure</b>	$\lambda/10$ at 633 nm before coating
<b>Surface Quality</b>	10-5 scratch and dig
<b>Diameter</b>	$\phi + 0/ - 0.25$ mm
<b>Center Thickness</b>	$t_c \pm 0.25$ mm
<b>Chamfer</b>	0.35 mm at 45° typical
<b>Concentricity</b>	$\leq 0.05$ mm
<b>Paraxial Focal Length</b>	$f \pm 0.5\%$ typical
<b>Antireflection Coating</b>	Wavelength user specified $R \leq 0.25\%$ per surface for V coating $R_{avg} \leq 0.5\%$ per surface for BBAR coating
<b>Clear Aperture (CA)</b>	$\geq 85\%$ of central diameter
<b>Damage Threshold</b>	Pulsed 15 J/cm <sup>2</sup> , 20 nsec, 20 Hz @ 1064 nm cw 1 MW/cm <sup>2</sup> @ 1064 nm

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$f$ (mm)	$\phi$ (mm)	f/#	$f_b$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$r$ (mm)	$f@$ 532 nm	$f@$ 633 nm	$f@$ 1064 nm	$f@$ 1319 nm	Included in LK Lens Kits	PART NUMBER
3.5	3.6	1.1	2.2	2.0	0.2	1.8	3.5	3.5	3.6	3.6	–	PLCX-3.6-1.8-C
6.0	4.0	1.8	5.0	1.5	0.8	3.1	6.0	6.0	6.1	6.2	–	PLCX-4.0-3.1-C
10.0	5.0	2.4	7.4	3.9	3.3	5.2	10.0	10.1	10.3	10.3	–	PLCX-5.0-5.2-C
10.0	8.0	1.5	7.4	3.9	2.0	5.2	10.0	10.1	10.3	10.3	–	PLCX-8.0-5.2-C
12.0	7.5	1.9	10.5	2.2	1.0	6.4	12.3	12.4	12.6	12.7	–	PLCX-7.5-6.4-C
15.0	8.0	2.2	13.0	3.1	2.0	7.7	14.8	14.9	15.2	15.3	–	PLCX-8.0-7.7-C
15.0	10.0	1.8	12.5	3.8	2.0	7.7	14.8	14.9	15.2	15.3	–	PLCX-10.0-7.7-C
17.0	13.3	1.5	14.6	3.7	0.7	8.8	16.9	17.1	17.4	17.5	–	PLCX-13.3-8.8-C
18.0	8.0	2.6	16.1	2.9	2.0	9.3	17.9	18.1	18.4	18.5	–	PLCX-8.0-9.3-C
18.0	15.0	1.4	14.2	5.7	1.9	9.3	17.9	18.1	18.4	18.5	–	PLCX-15.0-9.3-C
20.0	10.0	2.4	17.4	3.9	2.6	10.3	19.8	20.0	20.3	20.5	–	PLCX-10.0-10.3-C
20.0	12.0	2.0	17.4	3.9	2.0	10.3	19.8	20.0	20.3	20.5	–	PLCX-12.0-10.3-C
22.0	18.0	1.4	18.0	6.0	1.5	11.3	21.8	21.9	22.3	22.4	–	PLCX-18.0-11.3-C
25.0	6.3	4.7	23.1	2.9	2.5	13.1	25.2	25.4	25.9	26.0	–	PLCX-6.3-13.1-C
25.0	8.0	3.7	22.4	4.0	3.4	12.9	24.8	25.0	25.5	25.6	–	PLCX-8.0-12.9-C
25.0	10.0	2.9	22.4	4.0	3.0	12.9	24.8	25.0	25.5	25.6	–	PLCX-10.0-12.9-C
25.0	12.7	2.3	22.4	4.0	2.3	12.9	24.8	25.0	25.5	25.6	–	PLCX-12.7-12.9-C
25.0	15.0	2.0	21.8	4.9	2.5	12.9	24.8	25.0	25.5	25.6	–	PLCX-15.0-12.9-C
25.0	25.4	1.2	16.6	12.7	2.1	12.9	24.8	25.0	25.5	25.6	–	PLCX-25.4-12.9-C
30.0	10.0	3.5	28.8	1.8	1.0	15.5	29.8	30.1	30.6	30.8	–	PLCX-10.0-15.5-C

(continued)

## Laser Quality BK7 Plano-Convex Lenses (continued)

$f$ (mm)	$\phi$ (mm)	f/#	$f_b$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$r$ (mm)	$f@$ 532 nm	$f@$ 633 nm	$f@$ 1064 nm	$f@$ 1319 nm	Included in LK Lens Kits	PART NUMBER
30.0	15.0	2.4	26.7	5.0	3.1	15.5	29.8	30.1	30.6	30.8	–	PLCX-15.0-15.5-C
31.0	10.0	3.6	29.7	1.9	1.1	16.0	30.8	31.1	31.6	31.8	–	PLCX-10.0-16.0-C
32.0	15.0	2.5	29.4	4.0	2.2	16.5	31.8	32.0	32.6	32.8	–	PLCX-15.0-16.5-C
32.0	25.0	1.5	27.4	7.0	1.3	16.5	31.8	32.0	32.6	32.8	–	PLCX-25.0-16.5-C
35.0	8.0	5.1	34.0	1.5	1.0	18.0	34.7	34.9	35.5	35.8	–	PLCX-8.0-18.0-C
35.0	10.0	4.1	33.5	2.2	1.5	18.0	34.7	34.9	35.5	35.8	–	PLCX-10.0-18.0-C
35.0	15.0	2.7	33.0	3.1	1.5	18.0	34.7	34.9	35.5	35.8	–	PLCX-15.0-18.0-C
35.0	19.1	2.2	32.2	4.2	1.5	18.0	34.7	34.9	35.5	35.8	–	PLCX-19.1-18.0-C
35.0	25.4	1.6	30.2	7.2	2.0	18.0	34.7	34.9	35.5	35.8	–	PLCX-25.4-18.0-C
38.0	25.4	1.8	33.2	7.2	2.5	19.6	37.7	38.1	38.7	38.9	–	PLCX-25.4-19.6-C
40.0	10.0	4.7	38.3	2.6	2.0	20.6	39.7	40.0	40.7	40.9	–	PLCX-10.0-20.6-C
40.0	19.1	2.5	36.5	5.3	3.0	20.6	39.7	40.0	40.7	40.9	–	PLCX-19.1-20.6-C
40.0	25.4	1.9	36.5	5.3	0.9	20.6	39.7	40.0	40.7	40.9	–	PLCX-25.4-20.6-C
50.0	8.0	7.4	48.7	2.0	1.7	25.8	49.7	50.1	50.9	51.2	–	PLCX-8.0-25.8-C
50.0	10.0	5.9	48.7	2.0	1.5	25.8	49.7	50.1	50.9	51.2	–	PLCX-10.0-25.8-C
50.0	12.7	4.6	48.7	2.0	1.2	25.8	49.7	50.1	50.9	51.2	–	PLCX-12.7-25.8-C
50.0	15.0	3.9	46.5	5.3	4.2	25.8	49.7	50.1	50.9	51.2	–	PLCX-15.0-25.8-C
50.0	19.1	3.1	46.5	5.3	3.5	25.8	49.7	50.1	50.9	51.2	–	PLCX-19.1-25.8-C
50.0	25.0	2.4	46.0	6.1	2.9	25.8	49.7	50.1	50.9	51.2	–	PLCX-25.0-25.8-C
50.0	25.4	2.3	46.5	5.3	1.9	25.6	49.3	49.7	50.5	50.8	14, 24	PLCX-25.4-25.6-C
50.0	25.4	2.3	46.5	5.3	2.0	25.8	49.7	50.1	50.9	51.2	–	PLCX-25.4-25.8-C
60.0	8.0	8.8	58.6	2.1	1.8	30.9	59.5	60.0	61.0	61.4	–	PLCX-8.0-30.9-C
60.0	15.0	4.7	58.6	2.1	1.2	30.9	59.5	60.0	61.0	61.4	–	PLCX-15.0-30.9-C
60.0	25.4	2.8	57.2	4.2	1.5	30.9	59.5	60.0	61.0	61.4	–	PLCX-25.4-30.9-C
60.0	38.1	1.9	54.7	8.0	1.4	30.9	59.5	60.0	61.0	61.4	–	PLCX-38.1-30.9-C
63.0	25.4	2.9	60.4	3.9	1.3	32.5	62.6	63.1	64.1	64.6	–	PLCX-25.4-32.5-C
63.0	38.1	1.9	57.7	8.0	1.9	32.7	62.9	63.5	64.5	65.0	–	PLCX-38.1-32.7-C
70.0	25.4	3.2	67.0	4.5	2.2	36.1	69.5	70.1	71.3	71.7	–	PLCX-25.4-36.1-C
70.0	38.1	2.2	64.8	7.9	2.5	36.1	69.5	70.1	71.3	71.7	–	PLCX-38.1-36.1-C
75.0	8.0	11.0	73.7	2.0	1.8	38.6	74.3	74.9	76.2	76.7	–	PLCX-8.0-38.6-C
75.0	10.0	8.8	73.7	2.0	1.7	38.6	74.3	74.9	76.2	76.7	–	PLCX-10.0-38.6-C
75.0	15.0	5.9	73.7	2.0	1.3	38.6	74.3	74.9	76.2	76.7	–	PLCX-15.0-38.6-C
75.0	25.4	3.5	71.6	5.2	3.0	38.6	74.3	74.9	76.2	76.7	14, 24	PLCX-25.4-38.6-C
75.0	38.1	2.3	70.4	7.0	2.0	38.6	74.3	74.9	76.2	76.7	–	PLCX-38.1-38.6-C
75.0	50.8	1.7	67.4	11.5	2.0	38.6	74.3	74.9	76.2	76.7	–	PLCX-50.8-38.6-C
76.0	25.4	3.5	73.3	4.1	2.0	39.2	75.5	76.1	77.4	77.9	–	PLCX-25.4-39.2-C
76.0	50.8	1.8	68.0	12.1	2.8	39.2	75.5	76.1	77.4	77.9	–	PLCX-50.8-39.2-C
80.0	19.1	4.9	77.7	3.5	2.4	41.2	79.3	80.0	81.3	81.8	–	PLCX-19.1-41.2-C
80.0	38.1	2.5	74.9	7.7	3.0	41.2	79.3	80.0	81.3	81.8	–	PLCX-38.1-41.2-C
85.0	25.4	3.9	81.3	5.6	3.7	43.8	84.3	85.0	86.5	87.0	–	PLCX-25.4-43.8-C
90.0	25.4	4.2	86.7	5.0	3.2	46.2	88.9	89.7	91.2	91.8	–	PLCX-25.4-46.2-C
100.0	10.0	11.8	98.3	2.5	2.3	51.5	99.1	100.0	101.7	102.3	–	PLCX-10.0-51.5-C
100.0	15.0	7.8	98.3	2.5	2.0	51.5	99.1	100.0	101.7	102.3	–	PLCX-15.0-51.5-C
100.0	19.1	6.2	97.4	4.0	3.1	51.5	99.1	100.0	101.7	102.3	–	PLCX-19.1-51.5-C
100.0	25.4	4.6	97.4	4.0	2.4	51.5	99.1	100.0	101.7	102.3	14, 24	PLCX-25.4-51.5-C

(continued)

Laser Quality BK7 Plano-Convex Lenses (continued)

$f$ (mm)	$\phi$ (mm)	f/#	$f_b$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$r$ (mm)	$f@$ 532 nm	$f@$ 633 nm	$f@$ 1064 nm	$f@$ 1319 nm	Included in LK Lens Kits	PART NUMBER
100.0	30.0	3.9	97.4	4.0	1.8	51.5	99.1	100.0	101.7	102.3	–	PLCX-30.0-51.5-C
100.0	38.1	3.1	96.0	6.0	2.3	51.5	99.1	100.0	101.7	102.3	–	PLCX-38.1-51.5-C
100.0	50.8	2.3	93.4	10.0	3.3	51.5	99.1	100.0	101.7	102.3	–	PLCX-50.8-51.5-C
105.0	25.0	4.9	102.8	3.4	1.9	54.1	104.1	105.0	106.8	107.5	–	PLCX-25.0-54.1-C
110.0	19.1	6.8	107.4	4.0	3.2	56.7	109.1	110.1	111.9	112.6	–	PLCX-19.1-56.7-C
120.0	15.0	9.4	118.9	1.6	1.1	61.8	119.0	120.0	122.0	122.8	–	PLCX-15.0-61.8-C
125.0	10.0	14.7	123.3	2.6	2.4	64.4	124.0	125.0	127.1	127.9	–	PLCX-10.0-64.4-C
125.0	15.0	9.8	123.3	2.6	2.2	64.4	124.0	125.0	127.1	127.9	–	PLCX-15.0-64.4-C
125.0	25.4	5.8	122.4	4.0	2.7	64.4	124.0	125.0	127.1	127.9	24	PLCX-25.4-64.4-C
125.0	38.1	3.9	121.4	5.5	2.6	64.4	124.0	125.0	127.1	127.9	–	PLCX-38.1-64.4-C
127.0	25.4	5.9	124.4	4.0	2.8	65.4	125.9	127.0	129.1	129.9	–	PLCX-25.4-65.4-C
127.0	50.8	2.9	121.7	8.0	2.9	65.4	125.9	127.0	129.1	129.9	–	PLCX-50.8-65.4-C
127.0	76.2	2.0	117.1	15.0	2.8	65.4	125.9	127.0	129.1	129.9	–	PLCX-76.2-65.4-C
130.0	50.8	3.0	125.2	7.2	2.2	67.0	129.0	130.1	132.2	133.1	–	PLCX-50.8-67.0-C
135.0	25.0	6.4	132.4	4.0	2.9	69.5	133.8	134.9	137.2	138.0	–	PLCX-25.0-69.5-C
140.0	25.0	6.6	137.4	4.0	2.9	72.1	138.8	140.0	142.3	143.2	–	PLCX-25.0-72.1-C
150.0	10.0	17.6	148.7	1.9	1.7	77.3	148.8	150.1	152.6	153.5	–	PLCX-10.0-77.3-C
150.0	15.0	11.8	148.3	2.5	2.1	77.3	148.8	150.1	152.6	153.5	–	PLCX-15.0-77.3-C
150.0	25.4	6.9	147.4	4.0	2.9	77.3	148.8	150.1	152.6	153.5	14, 24	PLCX-25.4-77.3-C
150.0	38.1	4.6	146.7	5.0	2.6	77.3	148.8	150.1	152.6	153.5	–	PLCX-38.1-77.3-C
150.0	50.8	3.5	145.4	7.0	2.7	77.3	148.8	150.1	152.6	153.5	–	PLCX-50.8-77.3-C
152.0	25.4	7.0	149.4	4.0	3.0	78.5	151.1	152.4	154.9	155.9	–	PLCX-25.4-78.5-C
152.0	50.8	3.5	147.2	7.2	3.0	78.5	151.1	152.4	154.9	155.9	–	PLCX-50.8-78.5-C
160.0	10.0	18.8	158.6	2.1	1.9	82.4	158.6	160.0	162.6	163.7	–	PLCX-10.0-82.4-C
160.0	15.0	12.5	156.7	5.0	4.7	82.4	158.6	160.0	162.6	163.7	–	PLCX-15.0-82.4-C
170.0	25.0	8.0	167.3	4.1	3.2	87.6	168.6	170.1	172.9	174.0	–	PLCX-25.0-87.6-C
177.0	50.8	4.1	172.6	6.6	3.0	91.2	175.6	177.1	180.0	181.1	–	PLCX-50.8-91.2-C
200.0	10.0	23.5	198.5	2.3	2.2	103.0	198.3	200.0	203.3	204.6	–	PLCX-10.0-103.0-C
200.0	19.1	12.3	198.3	2.6	2.2	103.0	198.3	200.0	203.3	204.6	–	PLCX-19.1-103.0-C
200.0	25.4	9.3	197.4	4.0	3.2	103.0	198.3	200.0	203.3	204.6	14, 24	PLCX-25.4-103.0-C
200.0	38.1	6.2	196.6	5.1	3.3	103.0	198.3	200.0	203.3	204.6	–	PLCX-38.1-103.0-C
200.0	50.0	4.7	195.8	6.4	3.3	103.0	198.3	200.0	203.3	204.6	–	PLCX-50.0-103.0-C
200.0	50.8	4.6	195.8	6.4	3.2	103.0	198.3	200.0	203.3	204.6	–	PLCX-50.8-103.0-C
250.0	25.4	11.6	247.4	4.0	3.4	128.8	247.9	250.1	254.2	255.8	14, 24	PLCX-25.4-128.8-C
250.0	38.1	7.7	247.0	4.5	3.1	128.8	247.9	250.1	254.2	255.8	–	PLCX-38.1-128.8-C
250.0	50.0	5.9	247.0	4.5	2.1	128.8	247.9	250.1	254.2	255.8	–	PLCX-50.0-128.8-C
250.0	50.8	5.8	245.8	6.4	3.9	128.8	247.9	250.1	254.2	255.8	–	PLCX-50.8-128.8-C
252.0	25.4	11.7	245.7	9.6	9.0	129.6	249.5	251.6	255.8	257.4	–	PLCX-25.4-129.6-C
254.0	50.8	5.9	250.4	5.5	3.0	130.8	251.8	253.9	258.2	259.8	–	PLCX-50.8-130.8-C
269.0	10.0	31.6	267.0	3.0	2.9	138.4	266.4	268.7	273.2	274.9	–	PLCX-10.0-138.4-C
300.0	25.4	13.9	297.4	4.0	3.5	154.5	297.4	299.9	305.0	306.9	24	PLCX-25.4-154.5-C
347.0	25.4	16.1	342.7	6.5	6.0	178.5	343.6	346.5	352.3	354.5	–	PLCX-25.4-178.5-C
350.0	25.4	16.2	347.4	4.0	3.6	180.3	347.1	350.0	355.9	358.1	–	PLCX-25.4-180.3-C
350.0	38.1	10.8	346.7	5.0	4.0	180.3	347.1	350.0	355.9	358.1	–	PLCX-38.1-180.3-C
350.0	50.8	8.1	345.8	6.4	4.6	180.3	347.1	350.0	355.9	358.1	–	PLCX-50.8-180.3-C

(continued)

## Laser Quality BK7 Plano-Convex Lenses (continued)

$f$ (mm)	$\phi$ (mm)	f/#	$f_b$ (mm)	$t_c$ (mm)	$t_e$ (mm)	$r$ (mm)	$f@$ 532 nm	$f@$ 633 nm	$f@$ 1064 nm	$f@$ 1319 nm	Included in LK Lens Kits	PART NUMBER
360.0	19.1	22.2	358.0	3.0	2.8	185.0	356.1	359.2	365.2	367.5	–	PLCX-19.1-185.0-C
400.0	25.0	18.8	397.3	4.1	3.7	206.0	396.6	399.9	406.6	409.2	–	PLCX-25.0-206.0-C
400.0	25.4	18.5	397.3	4.1	3.7	206.0	396.6	399.9	406.6	409.2	–	PLCX-25.4-206.0-C
400.0	38.1	12.4	396.7	5.0	4.1	206.7	397.9	401.3	408.0	410.6	–	PLCX-38.1-206.7-C
460.0	10.0	54.1	458.0	3.0	2.9	238.4	458.9	462.8	470.6	473.5	–	PLCX-10.0-238.4-C
485.0	10.0	57.1	482.4	4.0	3.9	250.0	481.3	485.4	493.5	496.6	–	PLCX-10.0-250.0-C
500.0	25.0	23.5	497.4	4.0	3.7	257.5	495.7	499.9	508.3	511.5	–	PLCX-25.0-257.5-C
500.0	25.4	23.2	497.4	4.0	3.7	257.5	495.7	499.9	508.3	511.5	14, 24	PLCX-25.4-257.5-C
500.0	38.1	15.4	496.7	5.0	4.3	257.5	495.7	499.9	508.3	511.5	–	PLCX-38.1-257.5-C
500.0	50.8	11.6	495.8	6.4	5.1	257.5	495.7	499.9	508.3	511.5	–	PLCX-50.8-257.5-C
600.0	25.4	27.8	597.4	4.0	3.7	309.1	595.0	600.1	610.1	614.0	–	PLCX-25.4-309.1-C
600.0	38.1	18.5	596.7	5.0	4.4	309.1	595.0	600.1	610.1	614.0	–	PLCX-38.1-309.1-C
600.0	50.8	13.9	595.8	6.4	5.4	309.1	595.0	600.1	610.1	614.0	–	PLCX-50.8-309.1-C
700.0	25.0	32.9	697.4	4.0	3.8	360.6	694.2	700.1	711.8	716.2	–	PLCX-25.0-360.6-C
700.0	25.4	32.4	697.4	4.0	3.8	360.6	694.2	700.1	711.8	716.2	24	PLCX-25.4-360.6-C
750.0	25.4	34.7	747.4	4.0	3.8	386.3	743.6	750.0	762.5	767.3	–	PLCX-25.4-386.3-C
750.0	50.8	17.4	745.8	6.4	5.6	386.3	743.6	750.0	762.5	767.3	–	PLCX-50.8-386.3-C
800.0	25.4	37.1	797.4	4.0	3.8	412.1	793.3	800.1	813.4	818.5	–	PLCX-25.4-412.1-C
800.0	50.8	18.5	795.8	6.4	5.6	412.1	793.3	800.1	813.4	818.5	–	PLCX-50.8-412.1-C
900.0	25.4	41.7	897.2	4.2	4.0	463.5	892.3	899.8	914.9	920.6	–	PLCX-25.4-463.5-C
900.0	50.8	20.8	895.8	6.4	5.7	463.5	892.3	899.8	914.9	920.6	–	PLCX-50.8-463.5-C
1000.0	25.4	46.3	997.4	4.0	3.8	515.1	991.6	1000.0	1016.7	1023.1	14, 24	PLCX-25.4-515.1-C
1000.0	38.1	30.9	996.7	5.0	4.6	515.1	991.6	1000.0	1016.7	1023.1	–	PLCX-38.1-515.1-C
1000.0	50.8	23.2	995.8	6.4	5.8	515.1	991.6	1000.0	1016.7	1023.1	–	PLCX-50.8-515.1-C
1500.0	25.4	69.5	1497.4	4.0	3.9	772.6	1487.3	1499.9	1525.0	1534.6	–	PLCX-25.4-772.6-C
1500.0	50.8	34.7	1495.8	6.3	5.9	772.6	1487.3	1499.9	1525.0	1534.6	–	PLCX-50.8-772.6-C
2000.0	25.4	92.6	1997.4	4.0	3.9	1030.2	1983.2	2000.0	2033.4	2045.8	24	PLCX-25.4-1030.2-C
2000.0	50.8	46.3	1995.8	6.4	6.1	1030.2	1983.2	2000.0	2033.4	2045.8	–	PLCX-50.8-1030.2-C
3000.0	25.4	139.0	2997.4	4.0	3.9	1545.0	2974.2	2999.5	3049.5	3068.8	–	PLCX-25.4-1545.0-C
3000.0	50.8	69.5	2995.8	6.4	6.2	1545.0	2974.2	2999.5	3049.5	3068.8	–	PLCX-50.8-1545.0-C
4000.0	25.4	185.3	3997.4	4.0	4.0	2060.0	3965.6	3999.3	4066.0	4091.7	–	PLCX-25.4-2060.0-C
4000.0	50.8	92.6	3995.8	6.4	6.2	2060.0	3965.6	3999.3	4066.0	4091.7	–	PLCX-50.8-2060.0-C
5000.0	25.4	231.6	4997.4	4.0	4.0	2575.0	4957.0	4999.1	5082.6	5114.6	–	PLCX-25.4-2575.0-C
5000.0	50.8	115.8	4995.8	6.4	6.3	2575.0	4957.0	4999.1	5082.6	5114.6	–	PLCX-50.8-2575.0-C
7500.0	25.4	347.4	7497.4	4.0	3.9	3863.0	7436.4	7499.7	7624.8	7672.9	–	PLCX-25.4-3863.0-C
7500.0	50.8	173.7	7495.8	6.4	6.3	3863.0	7436.4	7499.7	7624.8	7672.9	–	PLCX-50.8-3863.0-C
10000.0	25.4	463.2	9997.4	4.0	4.0	5151.0	9915.8	10000.2	10167.1	10231.2	–	PLCX-25.4-5151.0-C
10000.0	50.8	231.6	9995.8	6.4	6.3	5151.0	9915.8	10000.2	10167.1	10231.2	–	PLCX-50.8-5151.0-C