

**NON-LINEAR CRYSTALS AND PHASE MATCHING MATCHING ANGLES :** APRIL 1997

WAVE-LENGTH	ADP	KDP	KD*P	LiIO3	BBO	LBO
410 nm	-	-	-	-	86°	-
420 nm	-	-	-	-	76°	-
430 nm	-	-	-	-	70.5°	-
440 nm	-	-	-	-	66.5	-
450 nm	-	-	-	-	63.5	-
460 nm	-	-	-	-	60	-
470 nm	-	-	-	-	58	-
480 nm	-	-	-	-	56	-
490 nm	-	-	-	-	54	-
500 nm	-	-	-	-	52	-
510 nm	-	-	-	-	50.5	-
517.4 nm	-	90	-	-	49.5	-
520 nm	90	84	-	-	49	-
530 nm	84	79	90	-	48	-
532 nm	83	78	84	-	47.5	-
540 nm	79	72	79.5	-	46.5	-
550nm	72.3	70	74.9	-	45.5	-
560 nm	70	68	71.6	-	44.3	-
570 nm	68	65	68.8	-	43.3	-
580 nm	64	63	66.5	-	42.3	-
590 nm	62.5	61	64.4	-	41.3	-
600 nm	61.5	60	62.5	-	40.5	60
610 nm	60	58.5	60.8	-	39.6	59.2
620 nm	58.7	57	59.3	66	38.8	56.2
630 nm	57	55	57.9	63	38	55
640 nm	55.5	54.5	56.6	61	37.4	53
650 nm	54.7	54	55.3	59.2	36.6	51.6
700 nm	50.5	50	50.4	52	33.6	43.6
750 nm	48	47	46.6	46.6	31.2	37.2
800 nm	45.5	45	43.4	42.5	29.1	31.8
850 nm	44	43	41.5	39.2	27.5	27.1
900 nm	43	42	39.8	36.4	26	23
950 nm	42.4	41.8	38.5	34.1	24.8	19.2
1000 nm	42	41.5	37.5	32.1	23.8	15.8
1064 nm	41.5	41	36.6	29.4	22.8	11.8
1300 nm	-	-	-	24°	22	0.2
1500 nm	-	-	-	21.5°	21.5	-
1600 nm	-	-	-	15	21.3	-
2000 nm	-	-	-	11	21	-