

# Ultimate LRS Dipole Antenna Ruler

Frequency (MHz)	One-arm length (cm)
400	16,61
401	16,57
402	16,53
403	16,49
404	16,45
405	16,41
406	16,37
407	16,33
408	16,29
409	16,25
410	16,21
411	16,17
412	16,13
413	16,09
414	16,05
415	16,01
416	15,98
417	15,94
418	15,90
419	15,86
420	15,82
421	15,79
422	15,75
423	15,71
424	15,67
425	15,64
426	15,60
427	15,56
428	15,53
429	15,49
430	15,46
431	15,42
432	15,38
433	15,35
434	15,31
435	15,28
436	15,24
437	15,21
438	15,17
439	15,14
440	15,10
441	15,07
442	15,04
443	15,00
444	14,97
445	14,93
446	14,90
447	14,87
448	14,83
449	14,80
450	14,77
451	14,74
452	14,70
453	14,67
454	14,64
455	14,61
456	14,57
457	14,54
458	14,51
459	14,48
460	14,45
461	14,42
462	14,38
463	14,35
464	14,32
465	14,29
466	14,26
467	14,23
468	14,20
469	14,17
470	14,14
471	14,11
472	14,08
473	14,05
474	14,02
475	13,99
476	13,96
477	13,93
478	13,90
479	13,87
480	13,85
481	13,82
482	13,79
483	13,76
484	13,73
485	13,70
486	13,67
487	13,65
488	13,62
489	13,59
490	13,56
491	13,54
492	13,51
493	13,48
494	13,45
495	13,43
496	13,40
497	13,37
498	13,34
499	13,32
500	13,29

This Dipole Antenna Ruler takes into account the propagation speed of waves in the wires, which is 11% slower than the speed of light.