

# Cut Charts

## NMO UHF Series

### NMO4505/8C

<u>Operating Freq.</u>	<u>Inches</u>	<u>cm</u>
406 MHz	16	40.6
410 MHz	15 3/4	40.0
415 MHz	15 3/8	39.1
420 MHz	14 7/8	37.8
425 MHz	14 3/4	37.5
430 MHz	14 1/2	36.8
435 MHz	14 3/16	36.0
440 MHz	13 7/8	35.2
445 MHz	13 5/8	34.6
450 MHz	13 7/16	34.1
455 MHz	13 1/16	33.2
460 MHz	12 3/4	32.4
465 MHz	12 1/2	31.8
470 MHz	12 1/4	31.1
475 MHz	12 1/4	31.1
480 MHz	12 1/8	30.8
485 MHz	11 5/8	29.5
490 MHz	11 5/16	28.7
495 MHz	11 3/16	28.4
500 MHz	10 15/16	27.8
512 MHz	10 5/8	27.0

### NMO406C

<u>Operating Freq.</u>	<u>Inches</u> <u>Lower rod w/o spring</u>	<u>cm</u>	<u>Inches</u> <u>Lower rod w/ spring</u>	<u>cm</u>
405 MHz	11 7/8	30.2	10 1/4	26.0
410 MHz	11 1/8	28.3	10	25.4
415 MHz	10 5/8	27.0	9 7/16	24.0
420 MHz	10 3/16	25.9	8 5/8	21.9

# Cut Charts

## NMO UHF Series

Operating Freq.	NMO420C		Inches Lower rod w/ spring	cm
	Inches Lower rod w/o spring	cm		
420 MHz	12 1/16	30.6	10 5/8	27.0
425 MHz	11 3/4	29.8	9 7/8	25.1
430 MHz	11	27.9	9 1/4	23.5
435 MHz	10 9/16	26.8	9 1/16	23.0
440 MHz	10 1/4	26.0	8 5/8	21.9

Operating Freq.	NMO440C		Inches Lower rod w/ spring	cm
	Inches Lower rod w/o spring	cm		
440 MHz	11 3/8	28.9	9 11/16	24.6
445 MHz	11	27.9	9 3/8	23.8
450 MHz	10 1/2	26.7	8 13/16	22.4
455 MHz	10 1/16	25.6	8 1/4	21.0
460 MHz	9 3/4	24.8	8 1/8	20.6

Operating Freq.	NMO450C		Inches Lower rod w/ spring	cm
	Inches Lower rod w/o spring	cm		
450 MHz	11 1/8	28.3	9 1/4	23.5
455 MHz	10 5/8	27.0	8 3/4	22.2
460 MHz	10 3/16	25.9	8 1/2	21.6
465 MHz	9 7/8	25.1	8 1/4	21.0
470 MHz	9 7/16	24.0	7 13/16	19.8

Operating Freq.	NMO470C		Inches Lower rod w/ spring	cm
	Inches Lower rod w/o spring	cm		
470 MHz	10 1/2	26.7	9	22.9
475 MHz	10 1/8	25.7	8 1/2	21.6
480 MHz	9 7/16	24.0	8 1/8	20.6
485 MHz	9 1/2	24.1	7 5/16	20.2
490 MHz	9 1/4	23.5	7 1/2	19.1

# Cut Charts

## NMO UHF Series

### NMO490C

Operating Freq.	Inches		cm	
	Lower rod w/o spring		Lower rod w/ spring	
490 MHz	9 7/8	25.1	8 1/8	20.6
495 MHz	9 1/2	24.1	7 5/8	19.4
500 MHz	9 1/4	23.5	7 1/4	18.4
505 MHz	8 3/4	22.2	6 7/8	17.5
512 MHz	8 1/2	21.6	6 3/4	17.1

### NMO406B

Operating Freq.	Inches	cm
405 MHz	9 1/8	23.2
410 MHz	8 7/8	22.5
415 MHz	8 1/2	21.6
420 MHz	8 1/4	21.0

### NMO450B

Operating Freq.	Inches	cm
450 MHz	7 1/2	19.1
455 MHz	7 3/8	18.7
460 MHz	7 1/8	18.1
465 MHz	6 7/8	17.5
470 MHz	6 3/4	17.1

### NMO420B

Operating Freq.	Inches	cm
420 MHz	8 1/2	21.6
425 MHz	8 3/8	21.3
430 MHz	8	20.3
435 MHz	7 3/4	19.7
440 MHz	7 1/2	19.1

### NMO470B

Operating Freq.	Inches	cm
470 MHz	7	17.8
475 MHz	6 1/2	16.5
480 MHz	6 3/8	16.2
485 MHz	6 1/4	15.9
490 MHz	6	15.2

### NMO440B

Operating Freq.	Inches	cm
440 MHz	7 3/4	19.7
445 MHz	7 1/2	19.1
450 MHz	7 1/4	18.4
455 MHz	7	17.8
460 MHz	6 3/4	17.1

### NMO490B

Operating Freq.	Inches	cm
490 MHz	6 1/4	15.9
495 MHz	6	15.2
500 MHz	5 7/8	14.9
505 MHz	5 3/4	14.6
512 MHz	5 5/8	14.3

# Cut Charts

## NMO UHF Series

### NMOWB406 SERIES

#### 1.5:1 VSWR

Operating Freq.	Inches	cm
406 - 430 MHz	12 1/4	31.1
420 - 445 MHz	10 13/16	27.5
440 - 465 MHz	9	22.9
450 - 470 MHz	8 7/16	21.4
465 - 490 MHz	7 7/8	20.0
485 - 512 MHz	6 3/8	16.2

#### 2.0:1 VSWR

Operating Freq.	Inches	cm
406 - 470 MHz	10 1/8	25.7
460 - 512 MHz	6 7/8	17.5

### NMO440CHW

Operating Freq.	Inches	cm
440 MHz	15 1/4	38.7
445 MHz	14 1/2	36.8
450 MHz	14	35.6

### NMO450CHW

Operating Freq.	Inches	cm
450 MHz	15	38.1
455 MHz	14 1/2	36.8
460 MHz	13 3/4	34.9
465 MHz	13 3/8	34.0
470 MHz	13	33.0

### NMO406CHW

Operating Freq.	Inches	cm
406 MHz	16 3/4	42.5
410 MHz	16	40.6
415 MHz	15 3/4	40.0
420 MHz	15 1/2	39.4

### NMO470CHW

Operating Freq.	Inches	cm
470 MHz	12 3/4	32.4
475 MHz	12 1/4	31.1
480 MHz	11 3/4	29.8
485 MHz	11 1/4	28.6

### NMO420CHW

Operating Freq.	Inches	cm
420 MHz	16	40.6
425 MHz	15 3/4	40.0
430 MHz	15	38.1
435 MHz	14 1/2	36.8
440 MHz	14	35.6