

# Cut Charts

## BSA Series

### BSA150C / BSA150B (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
145 MHz	49	124.5
148 MHz	47 3/4	121.3
150 MHz	47 1/8	119.7
152 MHz	46 1/4	117.5
154 MHz	45 1/2	115.6
156 MHz	44 5/8	113.3
158 MHz	43 7/8	111.4
160 MHz	43 1/8	109.5
162 MHz	42 1/2	108.0
165 MHz	41 3/4	106.0
166 MHz	41 3/8	105.2
168 MHz	40 5/8	103.3
170 MHz	39 7/8	101.3
172 MHz	39 1/8	99.4
174 MHz	38 1/2	97.8
175 MHz	38 3/16	97.0

### BSA150C / BSA150B (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
145 MHz	49	124.5
147 MHz	48 1/2	123.2
150 MHz	47	119.4
152 MHz	46 1/8	117.2
154 MHz	45 1/4	114.9
156 MHz	44 7/16	112.9
158 MHz	43 3/4	111.1
160 MHz	42 7/8	108.9
162 MHz	41 7/8	106.4
165 MHz	40 7/8	103.8
167 MHz	40 1/2	102.9
170 MHz	39 3/4	101.0

### BSA406C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
406 MHz	11	27.9
410 MHz	10 1/2	26.7
415 MHz	9 7/8	25.1
420 MHz	9 1/4	23.5

### BSA406C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
408 MHz	12	30.5
410 MHz	11 3/4	29.8
415 MHz	11 1/4	28.6
420 MHz	10 5/8	27.0

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## BSA Series

### BSA420C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
420 MHz	10 3/4	27.3
425 MHz	10 1/4	26.0
430 MHz	9 3/4	24.8
435 MHz	9 1/8	23.2
440 MHz	8 3/4	22.2

### BSA420C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
420 MHz	11 7/8	30.2
425 MHz	11 3/8	28.9
430 MHz	10 3/4	27.3
435 MHz	10 1/8	25.7
440 MHz	9 5/8	24.4

### BSA440C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
440 MHz	9 3/4	24.8
445 MHz	9 3/8	23.8
450 MHz	9	22.9
455 MHz	8 5/8	21.9
460 MHz	8 3/16	20.8

### BSA440C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
440 MHz	11	27.9
445 MHz	10 3/8	26.4
450 MHz	10	25.4
455 MHz	9 1/2	24.1
460 MHz	9 1/16	23.0

### BSA450C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
450 MHz	9 3/4	24.8
455 MHz	9 3/8	23.8
460 MHz	9	22.9
465 MHz	8 9/16	21.7
470 MHz	8 3/16	20.8

### BSA450C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
450 MHz	10 7/8	27.6
455 MHz	10 3/8	26.4
460 MHz	9 3/4	24.8
465 MHz	9 1/4	23.5
470 MHz	8 7/8	22.5

# Cut Charts

## BSA Series

BSA470C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
470 MHz	8 13/16	22.4
475 MHz	8 3/8	21.3
480 MHz	8	20.3
485 MHz	7 5/8	19.4
490 MHz	7 5/16	18.6

BSA470C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
470 MHz	9 3/4	24.8
475 MHz	3 3/8	8.6
480 MHz	8 15/16	22.7
485 MHz	8 1/2	21.6
490 MHz	8 1/8	20.6

BSA490C (USING PO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
490 MHz	8 1/4	21
495 MHz	7 13/16	19.8
500 MHz	7 7/16	18.9
505 MHz	7 1/8	18.1
512 MHz	6 3/4	16.1

BSA490C (USING NMO MOUNT)

Operating Freq.	Inches (w/o spring)	cm
490 MHz	9	22.9
495 MHz	8 5/8	21.9
500 MHz	8 5/16	21.1
505 MHz	7 7/8	20.0
512 MHz	7 5/8	19.4