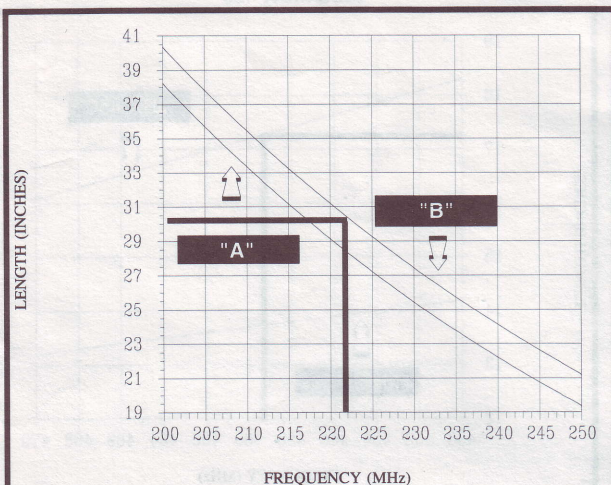


IART FOR YOUR OMNIDIRECTIONAL BASE STATION!

ONAL CHARTS AND TUNING INSTRUCTIONS ON BACK)

MBX-250



Example:

The dark line indicates that the approximate length "B" for an MBX-250 tuned to 221.5 MHz is 30-1/2 inches.

UHF MBS/MBX ASSEMBLY INSTRUCTION

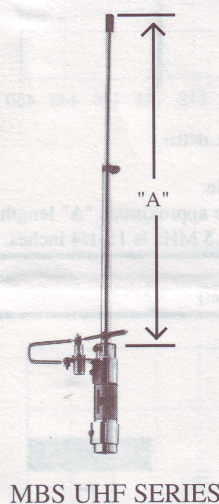
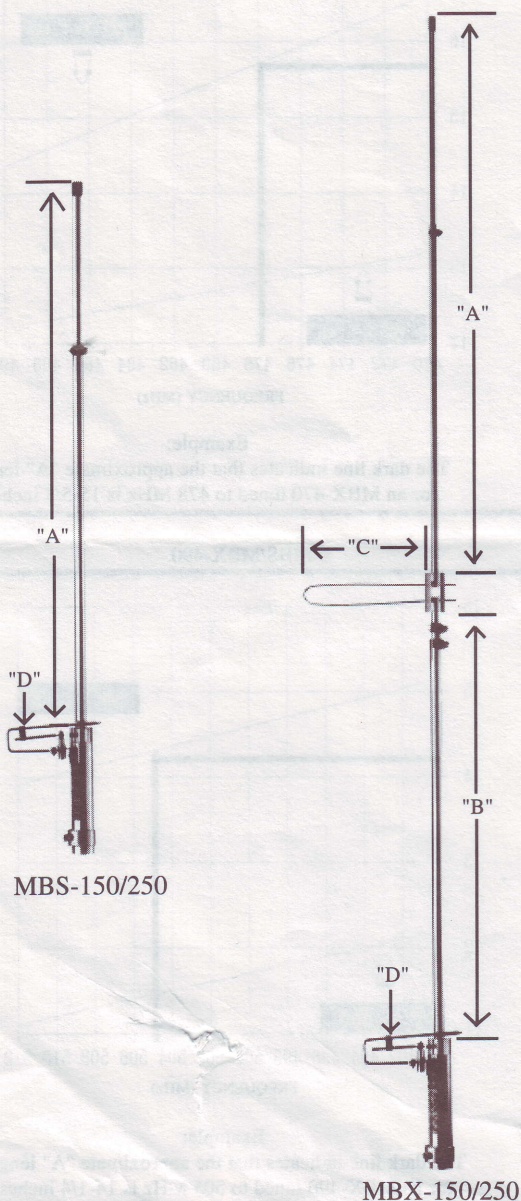
1. Slide the antenna sections together as shown in the picture.
2. Adjust the tubing length as shown on the tuning chart for your particular model and frequency.
3. Tighten all clamps securely, then mount the antenna in a suitable location.
4. Using a good quality VSWR bridge or in-line wattmeter mounted as close to the antenna feed connector as possible, check the reflected power. If high, adjust length "A" until the minimum VSWR is achieved. *For all models, B=2-7/8".*
5. Retighten all clamps after disconnecting the VSWR indicator. Be sure to tighten the antenna to the mast after securing the coaxial feed line to the antenna.

MOUNTING

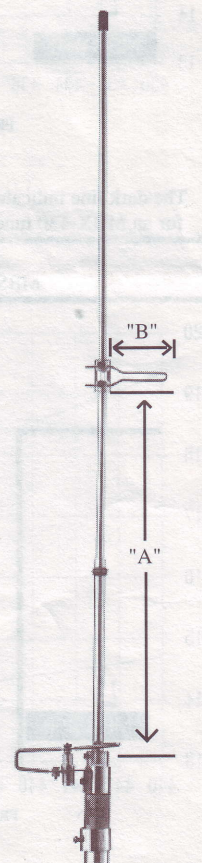
Slide the antenna onto a vertical mast (up to 1" O.D.). Tighten the side bolt to hold the antenna in place.

UHF MBS/MBX SERIES

PART NUMBER	FREQUENCY RANGE
MBX-406	406-430 MHz
MBX-430	430-450 MHz
MBX-440	440-460 MHz
MBX-450	450-470 MHz
MBX-470	470-490 MHz
MBX-490	490-512 MHz

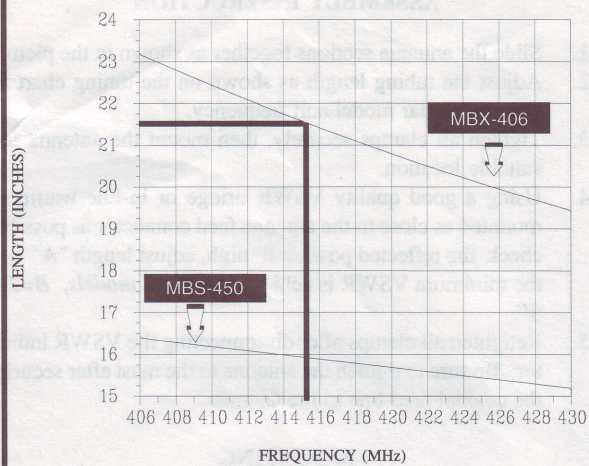


MBS UHF SERIES



MBX UHF SERIES

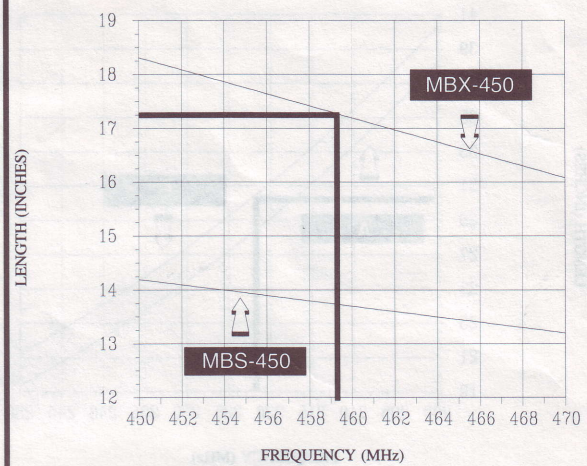
MBS/MBX-406



Example:

The dark line indicates that the approximate "A" length for an MBX-406 tuned to 415 MHz is 21-1/2 inches.

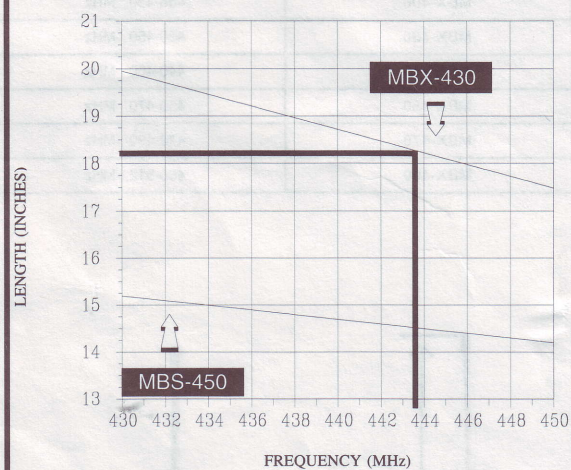
MBS/MBX-450



Example:

The dark line indicates that the approximate "A" length for an MBX-450 tuned to 459 MHz is 17-1/4 inches.

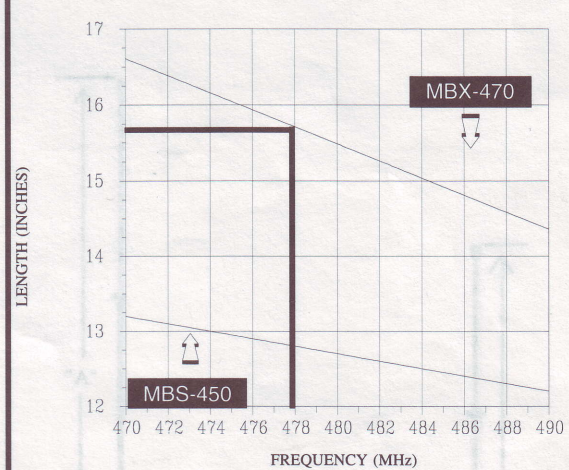
MBS/MBX-430



Example:

The dark line indicates that the approximate "A" length for an MBX-430 tuned to 443.5 MHz is 18-1/4 inches.

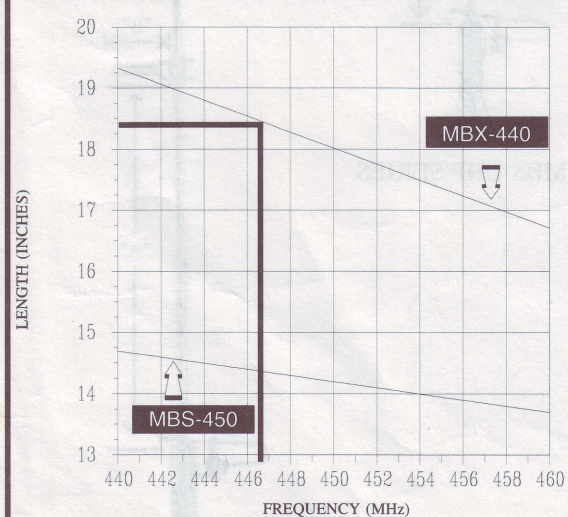
MBS/MBX-470



Example:

The dark line indicates that the approximate "A" length for an MBX-470 tuned to 478 MHz is 15-5/8 inches.

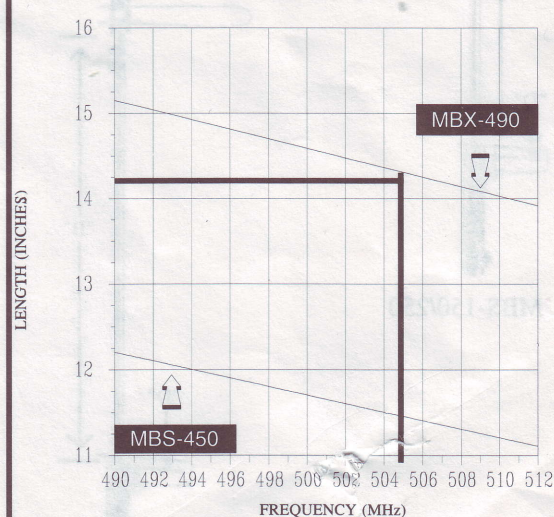
MBS/MBX-440



Example:

The dark line indicates that the approximate "A" length for an MBX-440 tuned to 446.5 MHz is 18-3/8 inches.

MBS/MBX-490



Example:

The dark line indicates that the approximate "A" length for an MBX-490 tuned to 505 MHz is 14-1/4 inches.