

### 5/8-wave Ground Plane Antenna

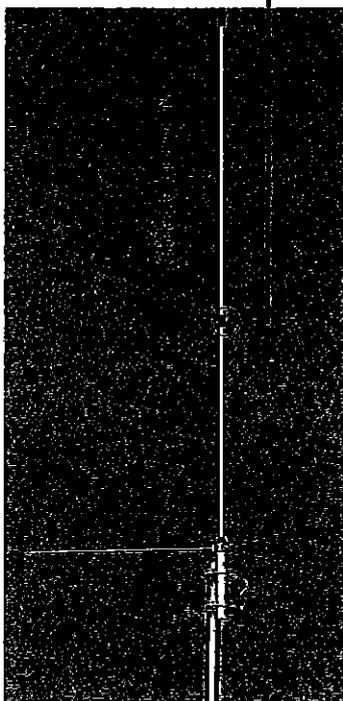
The Model C-150BX is a professional use ground plane antenna for commercial base stations. Constructed of the high grade aluminum tubing, Model C-150BX is high gain 3.4dBi, omni-directional antenna.

For the optimum performance -Gain as well as VSWR- of the antenna, 3-versions were standardized: (L) low frequency 118 - 145MHz, (M) mid frequency 134 - 160MHz, (H) high frequency 148 - 175MHz. The Model C-150BX is specially designed and has slidable Upper Element. Unfastening the Fix Screw, length of Upper Element can be changed conveniently, for the perfect operation at the desired frequency.

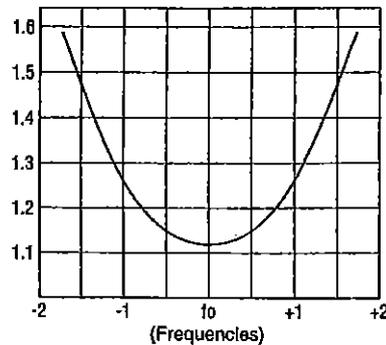
For the frequency adjustment, please refer to the Element Slide Chart.

#### Specifications:

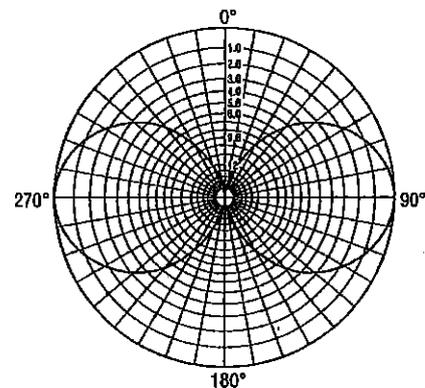
Versions	L	M	H
Frequency(Mhz)	118-145	134-160	148-175
Weight(kg)	0.89	0.87	0.85
Length(m)	1.70	1.52	1.28
Gain	3.4 dBi		
Impedance	50 ohm		
VSWR	Better than 1 : 1.5		
Connector	SO-239 (PL-259 female)		
Max. Power	100w/FM		
Max. Wind	60m/ sec.(134mph)		
Mast dia.	25 - 62mm dia.		



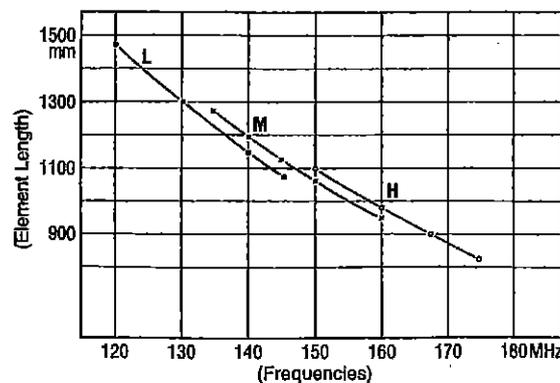
#### V. SWR Characters:



#### Beam Pattern:



#### Element Slide Chart:



**Note:** For the best performance of C-150BX, please use high quality coax. cable of 50-52ohm standard.