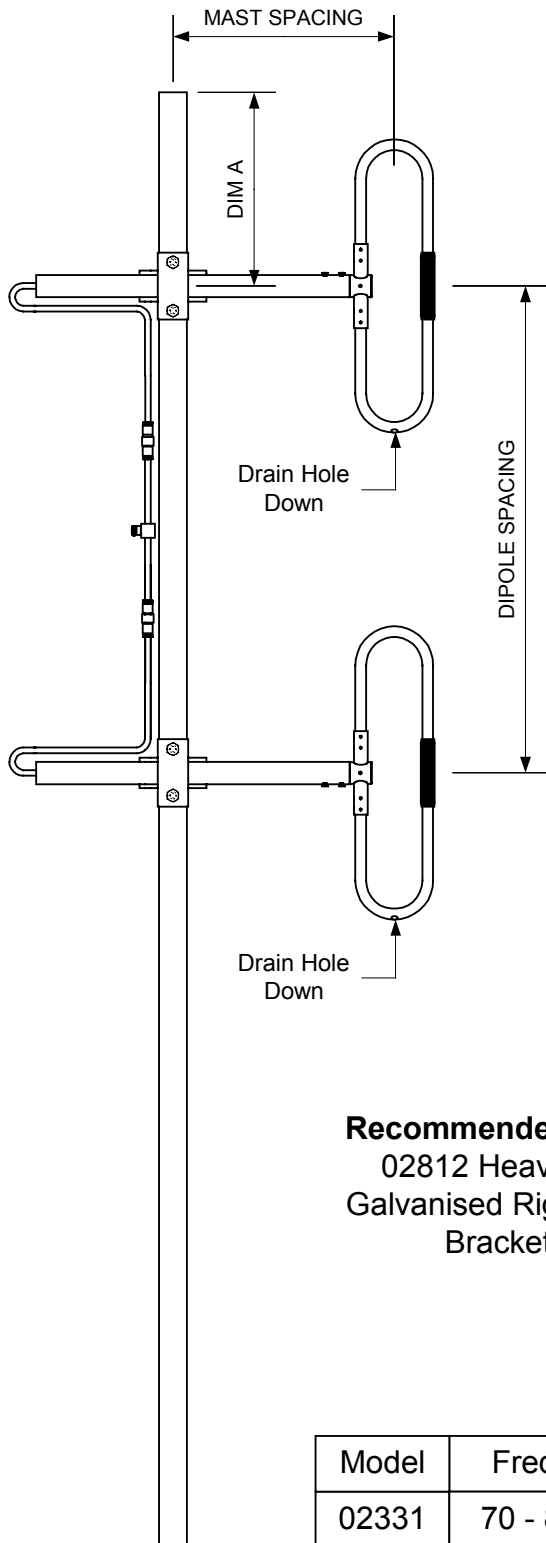


02531/02530/02331 Side Mount Dipoles

2 Stack Array

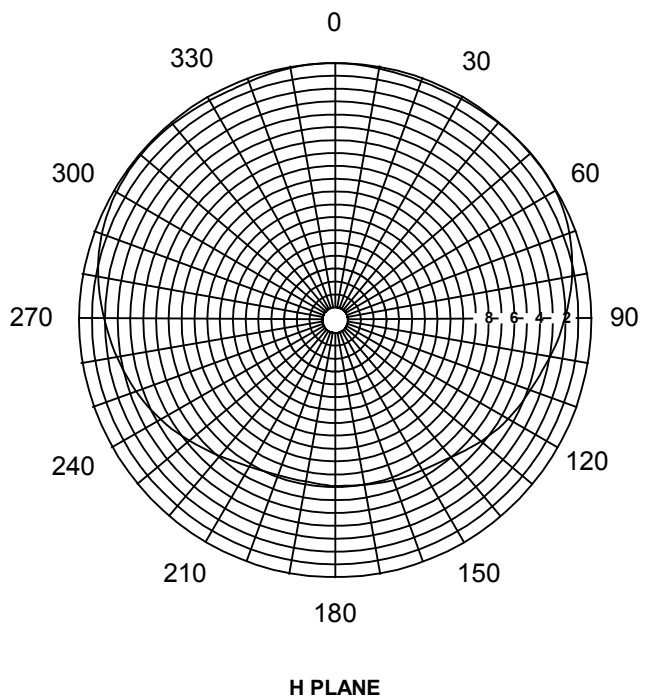


Recommended Clamp
02812 Heavy Duty
Galvanised Right Angle
Brackets.

Installation

It is recommended when mounting the antennas to the mast, that the phasing harness be correctly waterproofed; pay particular attention to the junction box and all connectors. Attention should also be paid to the correct phasing of the dipoles, it is essential that drain holes be facing down on each dipole.

Below are shown the optimum mast and dipole spacing for the models 02331, 02350 and 02351. The Mast spacing is 1/4 wavelength and offers a slightly directional H pattern as shown below. The gain of this array is 3 dBD with a horizontal 3DB beam width of 34 degrees.



Model	Frequency	Mast Spacing	Dipole Spacing	DIM A
02331	70 - 85 MHz	0.974 M	3.120 M	1.0 M
02530	88 - 108 MHz	0.765 M	2.449 M	0.8 M
02531	145 - 174 MHz	0.466 M	1.500 M	0.5 M