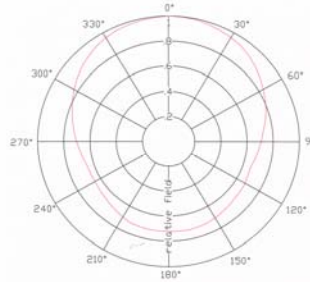




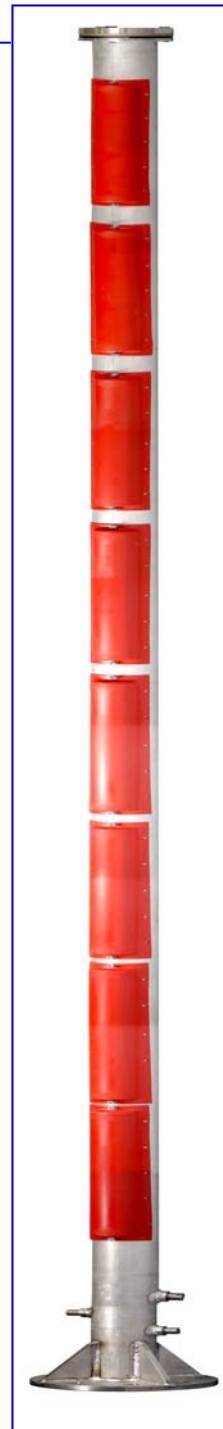
Slot Antenna

Low to medium Power UHF Broadcasting

- LOW COST
- EASE OF INSTALLATION
- 1-5/8 EIA INPUT
- LOW WIND LOADING



HRP



Electrical Specifications

Frequency range	470-860 Mhz
Polorization	Horizontal
Impedance	50 ohm
VSWR (typical)	1.1:1
Max Power	2KW
Input	1-5/8 EIA

Number of bays	Model #	Gain (dBd)	Gain (power)
4	975124-X	9.1	8.1
8	975128-X	11.8	15.1

"X" denotes channel

Mechanical Specifications

Channel Number	Diameter inches (MM)	Height inches (MM)	Weight lb (kg)	Wind Load lb(N)
4 Bay				
14-24	3.5 (89)	10.8 (3.3)	50 (23)	200 (890)
25-30	3.5 (89)	10.3 (3.1)	50 (23)	200 (890)
31-37	3.5 (89)	9.8 (2.9)	50 (23)	200 (890)
38-45	3.5 (89)	9.3 (2.8)	45 (21)	170 (755)
46-53	3.5 (89)	8.8 (2.7)	45 (21)	170 (755)
54-61	3.5 (89)	8.3 (2.5)	45 (21)	170 (755)
62-69	3.5 (89)	7.8 (2.4)	40 (18)	150 (665)
8 Bay				
14-24	3.5 (89)	18.8 (4.8)	80 (36)	265 (1155)
25-30	3.5 (89)	17.8 (4.5)	80 (36)	265 (1155)
31-37	3.5 (89)	16.8 (4.3)	80 (36)	265 (1155)
38-45	3.5 (89)	15.8 (4)	72 (33)	240 (1045)
46-53	3.5 (89)	14.8 (3.8)	72 (33)	240 (1045)
54-61	3.5 (89)	13.8 (3.5)	65 (29)	220 (950)
62-69	3.5 (89)	12.8 (3.3)	65 (29)	220 (950)

Note: Loads are estimated for 50lb/ftsq for flat surface and 33 lb/ftsq for cylindrical surfaces

Specification subject to change without notice

Other patterns and gains available upon request



Microwave Techniques, LLC | 28 Sanford Drive, Gorham, ME 04038
 Email: sales@microwavetechniques.com | Phone: 1-207-854-1700