

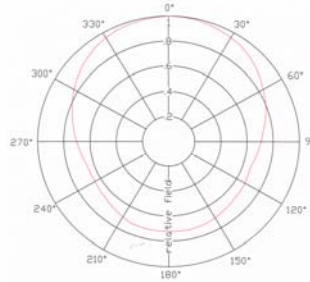


Slot Antenna

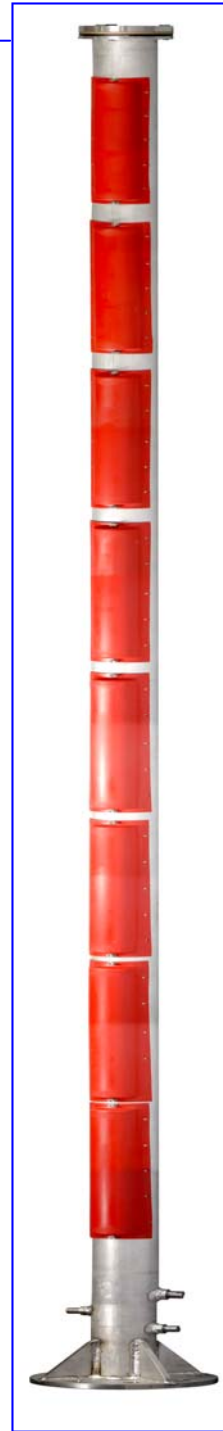
Low to medium Power UHF Broadcasting

Micro Communications, Inc.

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



HRP



Electrical Specifications

Frequency range	470-860 Mhz
Polarization	Horizontal
Impedance	50 ohm
VSWR (typical)	1.1:1
Max Power	2KW
Input	1-5/8 or 3-1/8 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 feet (M)	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 (3.0)	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 (5.7)	80 (36)	265(1180)
25-30	3.5 (89)	17.8 (5.4)	80 (36)	265(1180)
31-37	3.5 (89)	16.8 (5.1)	80 (36)	265(1180)
38-45	3.5 (89)	15.8 (4.8)	72 (33)	240 (1070)
46-53	3.5 (89)	14.8 (4.5)	72 (33)	240 (1070)
54-61	3.5 (89)	13.8 (4.2)	65 (29)	220 (980)
62-69	3.5 (89)	12.8 (3.9)	65 (29)	220 (980)

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

Other patterns and gains available upon request



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