

## BII Vertical Polarization – Demountable - Compact Design – Especial for Parallel Stacks

### ELECTRICAL DATA

Frequency range	87.5 – 108.0 MHz	
Gain average	4.85 dBd	
3 dB Beam Width	Horizontal: 122.4° - Vertical: 66.6°	
Front to Back Ratio	22.0 dB	
Impedance	50 Ω	
VSWR	< 1.18:1 Broad Band	
Polarization	Vertical	
Maximum Power Rating	3 KW	6 KW
Connector	DIN 7/16	EIA 7/8"
Lighting Protection	DC Grounded	

### MECHANICAL DATA

Dimensions (A x B x C)	1730 x 1430 x 100 mm	
Weight	15 Kg	
Maximum Wind Speed	200 Km/h	
Wind Load	19 Kg @ 160 Km/h (side) 8 Kg @ 160 Km/h (front)	
Materials	Dipole in Stainless Steel Inner Line Silver Plated Silicon O.Ring, PTFE Insulator	
Mounting	Mast Ø 60, 90 or 114 mm	
Vertical Spacing	0.9 λ (2700 mm)	
Temperature Range / Humidity	-20°C to 60° C	100%

### ARRAY DATA

Number of Bays	Number Anten. per Bay	Gain (dBd)	System Height (mm)
1	1	4.85	1730
2	1	7.85	4430
3	1	9.63	7130
4	1	10.85	9830
6	1	12.63	15230
8	1	13.85	20630

