

## BIII Vertical Polarization - Demountable - Compact Design - Especial for Parallel Stacks - High Gain

### ELECTRICAL DATA

Frequency range	174 – 240 MHz	
Gain average	6.25 dBd	
3 dB Beam Width	Horizontal: 97° - Vertical: 61.9.°	
Front to Back Ratio	23.5 dB	
Impedance	50 Ω	
VSWR	< 1.17:1 Broad Band	
Polarization	Vertical	
Maximum Power Rating	2 KW	3.5 KW
Connector	DIN 7/16	EIA 7/8"
Lighting Protection	DC Grounded	

### MECHANICAL DATA

Dimensions (A x B x C)	900 x 1280 x 125 mm	
Weight	14.6 Kg	
Maximum Wind Speed	200 Km/h	
Wind Load	24 Kg @ 160 Km/h (side) 3 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	0.95 λ (1400 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	6.25	900
2	1	9.25	2300
3	1	11.05	3700
4	1	12.25	5100
6	1	14.05	7900
8	1	15.25	10700

