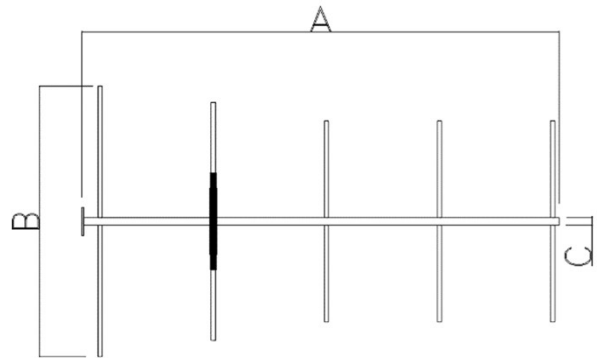
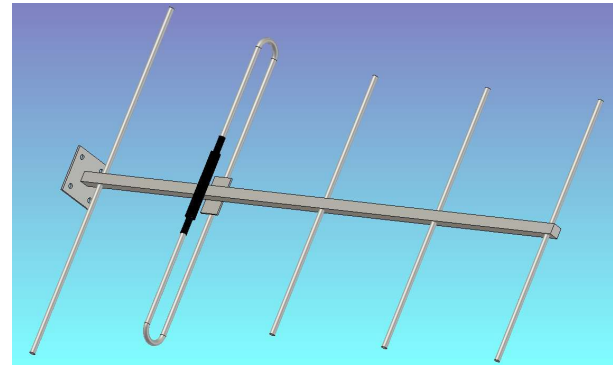


Vertical or Horizontal Polarization - Compact Design - Detachable - High Gain - Reception and Transmission

ELECTRICAL DATA

Frequency range	Type 1: 168 – 188 MHz Type 2: 188 – 209 MHz Type 3: 209 – 230 MHz
Gain average	Type 1: 9.0 dBi Type 2: 10.0 dBi Type 3: 10.0 dBi
3 dB Beam Width	Horizontal: < 83° - Vertical: < 56°
Front to Back Ratio	> 15.0 dB
Impedance	50 Ω
VSWR (for all types)	< 1.3:1 (17.7 dB)
VSWR (6 MHz Sub-Band in each Type)	< 1.15:1 (23 dB)
Polarization	Vertical or Horizontal
Maximum Power Rating	500 W
Connector	N (f)
Lighting Protection	DC Grounded



MECHANICAL DATA

Dimensions (A x B x C)	Type 1: 1422 x 862 x 25 mm Type 2: 1280 x 770 x 25 mm Type 3: 1162 x 695 x 25 mm
Weight	7.4 Kg
Maximum Wind Speed	180 Km/h
Wind Load Vertical Polarization	Frontal: 3.5 Kg @ 150 Km/h Lateral: 48 Kg @ 150 Km/h
Wind Load Horizontal Polarization	Frontal: 3.5 Kg @ 150 Km/h Lateral: 6 Kg @ 150 Km/h
Materials	Dipole, Directors and Reflector in Stainless Steel Inner Line in Copper

Mounting	Mast Ø 60
Vertical Spacing	λ (aprox 1500 mm)
Temperature Range / Humidity	-20°C to 60° C / 100%

ARRAY DATA

Number of Bays	Number Anten. per Bay	Gain at 200 MHz (dBi)	System Height (mm)
2	1	13.0	2800
3	1	14.8	4300
4	1	16.0	5800

