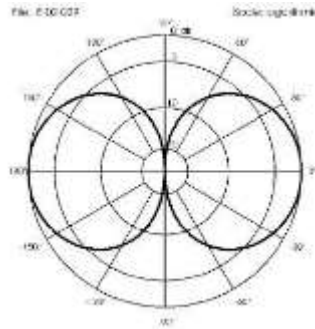


## Ground Plane Antennas

### GPA Series

- Base Antenna
- Unity Gain - Omni directional
- Tunable by Whip length
- Made of aluminum alloy 6063 T-832
- ¼ Wave Ground Plane



Typical Radiation Pattern  
In E-plane at Midband



Electrical Data	ANT-B-404	ANT-B-515
Frequency Range	66-88	135-175
Type	¼ Wave Ground Plane	
Impedance	50Ω	
Radiation (H-plane)	360° Omni Directional	
Radiation Angle Deg.	0°	
Polarization	Linear Vertical	
Gain	0 dBd – 2.15 dBi	
SWR @ Res. freq.	≤ 1.2 @ 66 mHz	≤ 1.2 @ 135 mHz
Bandwidth	≥ 6.5MHz @ 66 mHz	≥ 13MHz @ 135 mHz
Max Power	50W	300W
Connector	UHF Female	

Mechanical Data		
Materials	Aluminium, Chromed Brass, Nylon	
Wind Load @ 150 km/h	54 N	29 N
Wind Resistance	150 km/h	180 km/h
Antenna Length (approx.)	1930mm	960mm
Weight (approx.)	700g	520g
Radial Length	1080mm	520mm
Mounting Mast	∅ 35 – 40mm	