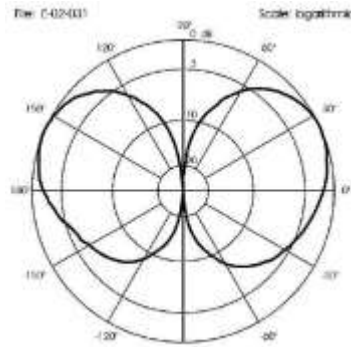


## Ground Plane Fibre Glass Antennas

Nova Code: **ANT-B-513**

- Base Station Antenna
- Mono Band
- Medium-gain Omni Directional
- Suitable for Land and Marine services
- Tunable by Whip cutting
- Equipped with anodized Aluminum Bracket for an easy side Mast installation
- High quality Whip made of brass and copper protected by fiberglass Tube



Typical Radiation Pattern  
In E-plane at 145 mHz



Electrical Data	ANT-B-513
Frequency Range	Tunable 135 – 175 mHz
Type	2 x 5/8 Wave Ground Plane Collinear
Impedance	50Ω
Radiation (H-plane)	360° Omni Directional
Radiation (E-plane)	Beam width @ -3dB = 35°
Radiation Angle Deg.	0°
Polarization	Linear Vertical
Gain	3.8 dBd – 5.95 dBi
Max Power (CW) @ 30°C	200W
Grounding Protection	All Metal parts are DC grounded The inner Conductor shows a DC short
Connector	N Female, Gold plated central Pin

Mechanical Data	
Materials	Fibre Glass - Aluminium
Wind Load @ 150 km/h	95 N
Wind Resistance	150 km/h
Antenna Length (approx.)	3230mm
Weight (approx.)	1630g
Radial Length (approx.)	495mm
Mounting Mast	∅ 35 – 54mm

Specification subject to change without notice. Issue 1