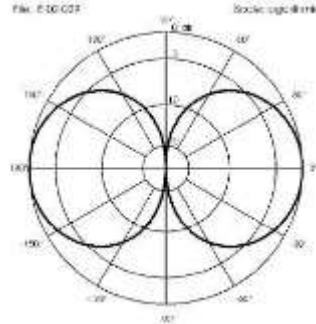


End Fed Dipole Antennas

Nova Code: **ANT-B-511 Series**

- **CX 2M Series - Sirio**
- Base Station Antenna
- Low Gain
- Omni Directional - Mono Band
- Protection from static discharge DC-Ground
- Made of aluminum alloy 6063 T-832



Typical Radiation Pattern
In E-plane at Midband

Electrical Data	ANT-B-511A	ANT-B-511C	ANT-B-511E
Pre-tuned	140-144 mHz	148-152 mHz	156-160 mHz
Tunable	144-148 mHz	152-156 mHz	156-172 mHz
Type	¼ Wave Coaxial J-Pole		
Impedance	50Ω		
Radiation (H-plane)	360° Omni Directional		
Radiation (E-plane)	Beam Width @ -3dB = 68°		
Radiation Angle Deg.	0°		
Polarization	Linear Vertical		
Gain	2.15 dBi		
Max Power (CW) @ 30°	250W		
Grounding Protection	All Metal parts are DC grounded. The inner Conductor shows a DC short		
Connector	UHF Female		

Mechanical Data			
Materials	Aluminium, Zamak, Steel, Brass		
Wind Load @ 150 km/h	50 N	48 N	47 N
Wind Resistance	180 km/h		
Height (approx)	1660mm	1580mm	1500mm
Weight (approx.)	750g		
Mounting Mast Diameter	∅ 35 – 42mm		

