

## CEL5B

450000-T

Marine and Land Based GSM900 Antenna. Tx/Rx. 250W

5 dBd gain. N female. N239F. Packed in a tube.

CEL5B is an omnidirectional dipole antenna. The CEL5B is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper and copper alloy. The antenna is subject for improvement at all times. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

### Short description

Product group	Cellular
Design	Collinear coaxial dipole
Pattern	Omnidirectional

### Electrical specifications

Frequency range [MHz]	890.0-960.0
Bandwidth [MHz]	70
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	250
Gain [dBd/Marine dB/dBi]	5 / 7.15 / 10
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	
DC Grounded	Yes
Connector	N-Female

### Mechanical specifications

Length [m/ft]	1.40 / 4.30
Sections	1
Weight [kg/lbs]	0.75 / 1.65
Survival Wind Speed [km/h / m/s / mph]	160 / 44 / 100
Wind Area [m2/ft2]	- / -
Wind Load @ 160km/h [N]	-
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-55 to +60 / -67 to +140
Ingress Protection	IP66
Thread	1" 14TPI male / 1 1/4" 11TPI female
Mounting	1 1/4" swivel nut included.