

# CELsea1

400031-P

Marine and Land Based GSM800 Antenna. Tx/Rx. 100W  
0 dBd gain. 6m/20ft RG58 cable. Ferrule. Packed in a plastic bag.

CELsea1 is an omnidirectional dipole antenna. This antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper and copper alloy. The antenna ferrule fits 1"-14TPI thread mounts. 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	Coaxial dipole
Pattern	Omnidirectional

## Electrical specifications

Frequency range [MHz]	825.0-890.0
Bandwidth [MHz]	65
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	100
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	
Connector	6m/20ft RG58

## Mechanical specifications

Length [m/ft]	0.65 / 2.14
Sections	1
Weight [kg/lbs]	0.40 / 0.90
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]	-40 to +60 / -40 to +140
Ingress Protection	IP66
Thread	1" 14TPI female ferrule / -
Mounting	1" 14TPI female ferrule