

# CELmarUHF0/GNSS

490005-P

Marine and Land Based UHF/GPS- Antenna. Tx/Rx. 35W  
0 dBd. 3 Marine dB. 3.3-18VDC. Max 550 mm.

CELmarUHF0/GNSS is a dipole UHF antenna with a built in GNSS antenna, designed for E-passport. The GNSS antenna is covering GPS, GLONASS, BeiDou and Galileo. The antenna has a dual down-lead cable for UHF Tetra and GNSS with SMA male connectors. As always our antennas is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of brass. The antenna is manufactured using crimping technology, giving the antenna a consistent performance and a 4-5 times stronger build-up. The antenna is always subject for improvement. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh...

## Short description

Product group	GPS
Design	Coaxial dipole with active positioning antenna
Pattern	Omnidirectional

## Electrical specifications

Frequency range [MHz]	A: 380-400/ B: 1555.4-1610
Bandwidth [MHz]	A:20 B:54.6
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	A. 35 B+C: Receive only
Gain [dBd/dBi/Marine dB]	0 / A: 2.15 / A: 3
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	No
DC Grounded	No
Connector	SMA-Male

## Mechanical specifications

Length [m/ft]	0.50 / 1.64
Sections	1
Weight [kg/lbs]	0.80 / 1.76
Survival Wind Speed [km/h / m/s / mph]	200 / 55 / 124
Wind Area [m2/ft2]	- / -
Wind Load @ 160km/h [N]	-
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-40 to +70 / -40 to +158
Ingress Protection	IP68
Thread	/ -
Mounting	Deck mount