

# DCS3

430000-T

Marine and Land Based GSM1800 Antenna. Tx/Rx. 150W  
3 dBd gain. N female. N239F. Packed in a tube.

DCS3 is an omnidirectional dipole antenna. The DCS3 is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper. 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]	1710.0-1880.0
Bandwidth [MHz]	70
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	150
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	
Connector	N-Female

## Mechanical specifications

Length [m/ft]	0.66 / 2.20
Sections	1
Weight [kg/lbs]	0.50 / 1.10
Survival Wind Speed [km/h / m/s / mph]	160 / 45 / 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 male / ISO 228/1-G1 female
Mounting	1 1/4" swivel nut included.