

## GSM/UMTS

400019-T

Marine and Land Based GSM900/UMTS Antenna. Tx/Rx. 20W/10W. 3 dBd. N-female. N239F. Packed in a tube.

GSM/UMTS is an omnidirectional dipole antenna covering two bands. Radiating elements are made of brass. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. The swivel nut N239F is included for installation on ISO 228/1-G1 mounts. 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]	A: 890.0-960.0 / B: 1920-2170
Bandwidth [MHz]	70/250
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	A: 20 B: 10
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	A: <2.1:1 B:<2.5:1
Polarisation	Vertical
DC Shorted	
DC Grounded	Yes
Connector	N-Female

### Mechanical specifications

Length [m/ft]	0.40 / 1.32
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 male / ISO 228/1-G1 female
Mounting	Mounting nut included