

CEL21

450001-T

Marine and Land Based UMTS Antenna. Tx/Rx. 80W
5 dBd gain. N female. N239F. Packed in a tube.

CEL21 is an omnidirectional antenna for UMTS applications. 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]	1920-2170
Bandwidth [MHz]	250
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	80
Gain [dBd/dBi/Marine dB]	5 / 7.15 / 10
VSWR	<1.5:1
Polarisation	Vertical
DC Shorted	Yes
DC Grounded	Yes
Connector	N-Female

Mechanical specifications

Length [m/ft]	0.60 / 2.00
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]	-55 to +60 / -67 to +140
Ingress Protection	IP66
Thread	1" 14TPI male / ISO 228/1-G1 female
Mounting	1 1/4" swivel nut included.