

# VHF-light100/N239F

100026-C

Marine and Land Based VHF Antenna. Tx/Rx. 100W

Light-Weight. 0 dBd. UHF female. N239F. Packed in plastic. 100 pcs.

This is an omnidirectional antenna for marine and land based solutions. Suitable for rail and mast mounting via the 1" 14TPI antenna base and the ISO 228/1-G1 thread of the N239F swivel nut. Bulk of 100 pcs. The antenna is manufactured in premium quality materials in order to prevent galvanic corrosion. Radiating elements are made of copper. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. The antenna has the same rugged design as all other AC Antennas products thus it withstand harsh environmental conditions, both on sea and land.

## Short description

Product group	VHF
Design	Whip in fibreglass
Pattern	Omnidirectional

## Electrical specifications

Frequency range [MHz]	A: 156.0-162.5 / B: 88-108 / C: 160-250
Bandwidth [MHz]	6.5 / 20 / 90
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	A: 100 B+C: Receive only
Gain [dBd/dBi/Marine dB]	0 / 2.15 / 3
VSWR	A: <2.0:1 B+C: Rx only
Polarisation	Vertical
DC Shorted	No
DC Grounded	Yes
Connector	UHF-Female

## Mechanical specifications

Length [m/ft]	1.14 / 3.70
Sections	1
Weight [kg/lbs]	0.30 / 0.70
Survival Wind Speed [km/h / m/s / mph]	160 / 45 / 99
Wind Area [m2/ft2]	0.0165 / 0.1776
Wind Load @ 160km/h [N]	24
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