

VHF-light100MC

100027-C

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

Light-Weight. 0 dBd. UHF female. N162F. Packed in plastic Incl. N280-02F cable. 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 N162F angle mount. 6m RG58C/U cable included too. 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: 88-108 / B: 156.0-162.5 / C: 160-250
Bandwidth [MHz]	20/6.5/90
Nominal Impedance [Ohm]	50
Max. Input Power [Watt]	100
Gain [dBd/Marine dB/dBi]	0 / 2.15 / 3
VSWR	<2:1
Polarisation	Vertical
DC Shorted	No
DC Grounded	-
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 / -
Mounting	Mount included