

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 1 1/4" 11TPI 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: 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 / 1 1/4" 11TPI female |
| Mounting | Mounting nut included |