

KUM121

212100-T

Marine and Land Based MF/HF Active Antenna. Receive Only
Com., weather fax and positioning data. N239F. Packed in a tube

The antenna is an omnidirectional HF/SSB active receive antenna. It has an integrated amplifier, RF and DC are both diode-protected. The high quality makes this antenna perfect for both leisure and commercial vessels. 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. Fits both 1" 14TPI and ISO 228/1-G1 threads. It 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	HF/SSB
Design	Active receiving antenna
Pattern	Omnidirectional

Electrical specifications

Frequency range [MHz]	0.15-30
Bandwidth [MHz]	29.85
Max. Input Power [Watt]	Receive only
Nominal impedance [Ohm]	50
Supply voltage [V]	9-12
Supply current max. [mA]	35
Output max. [dBm]	10
IP3 [dBm]	> +28
IP2 [dBm]	> +50
Amplifier Noise figure [8dB]	10
Polarisation	Vertical
DC Shorted	No
DC Grounded	Yes, galvanic isolation on DC supply is recommended.

Mechanical specifications

Connector	UHF-Female
Length [m/ft]	1.26 / 4.10
Sections	1
Weight [kg/lbs]	0.50 / 1.10
Survival Wind Speed [km/h / m/s / mph]	200 / 45 / 124
Wind Area [m2/ft2]	0.0234 / 0.2519
Wind Load @ 160km/h [N]	34
Material	Fibreglass
Colour	White
Operating Temperature Range [°C/°F]	-40 to +60 / -40 to +140
Ingress Protection	IP68
Thread	1" 14TPI male / ISO 228/1-G1 female
Mounting	Mounting nut included



