


KUM041

Marine and Land Based Active HF Receive Antenna

KUM041 is a high quality omnidirectional active receiving HF antenna. The compact appearance leaves a minimum of visual impact. The integrated amplifier makes the antenna highly sensitive towards HF signals including weather fax and positioning data information. The integrated amplifier is diode-protected at both RF and DC input. The KUM041 is grounded through the mounting base so there is no requirement for AC grounding cable. The KUM041 is manufactured in premium quality materials in order to prevent galvanic corrosion.

KUM041 antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on sea and land.

Electrical specifications

| | |
|-------------------------|---|
| Frequency range (MHz) | 0.15-30 |
| Nominal impedance (ohm) | 50 |
| Output max (dBm) | +10 |
| Supply voltage (V) | 9-12  |
| Supply current max (mA) | 30 |
| IP3 (dBm) | +38 @ 10MHz |
| Polarization | Vertical |
| Connector | UHF-female |
| DC-shortcd | No |
| DC-grounded | Yes, galvanic isolation on DC supply is recommended |

Mechanical specifications

| | |
|---------------------------|----------------------------|
| Length (m/ft) | 0.36/1.15 |
| Weight (kg/lbs) | 0.35/0.78 |
| Wind rating (m/s / mph) | 45/101 |
| Material | Fibreglass |
| Colour | White polyurethane lacquer |
| Temperature range (°C/°F) | -40 to +60 / -40 to +140 |
| Ingress Protection | IP66 |

Mounting

N240F with 1 1/4" thread included.

Can be used with all 1¼-11 TPI standard AC Antennas mounting equipment.

