

Datasheet

# HF100 RX

Active low-profile broadband RX antenna

- Active LF/HF antenna (receive only)
- Low-profile end-fed antenna design for GMDSS
- No groundplane needed
- Mounting Kit for mounting on G1"-11 threaded pole or bracket included
- Dedicated Power Supply available (must be ordered separately)

## ELECTRICAL SPECIFICATIONS

|                              |              |
|------------------------------|--------------|
| Frequency                    | 0.1 - 30 MHz |
| Bandwidth                    | 29.9 MHz     |
| Impedance                    | 50 Ohm       |
| Polarisation                 | Vertical     |
| Supply Voltage               | 8 - 12 VDC   |
| Current Consumption, Average | 30 mA        |



## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | White and chrome   |
| Height                | Approx. 315 mm   |
| Weight                | Approx. 200 g  |
| Mounting              | On 1" threaded pole (G1"-11 thread) with supplied 1" Revolving Nut |
| Mounting Place        | On mast  |
| Mounting Instruction  | Included   |
| Materials             | PE, PCB, copper, PTFE and chrome plated solid brass                |
| Operating Temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2)                        |
| Connector             | UHF-female   |
| Cable                 | No cable supplied  |
| Ingress Protection    | IP66   |
| Serial no.            | On product label   |

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ORDERING INFORMATION

|           |   |
|-----------|---|
| 13100-431 | Antenna + 1" Revolving Nut - in Polybag     |
| 13100-432 | Antenna + 1" Revolving Nut - in Carton tube |
| 16299-003 | Power Supply                                |

PACKAGING INFORMATION

|        |   |
|--------|---|
| Type   | Individually packing in Polybag or Carton Tube (See "Part No.") |
| Size   | Approx. 0.45 m  |
| Weight | Approx. 0.3 kg  |

