

# UHF93A/B/C

3 dB UHF Fibreglass Antenna 0,44 m (806-960 MHz in 3 versions)

- 3 standard band versions
- Specified antenna for GSM850, GSM900, Trunking, ISM a.o.
- End-fed  $1/2 \lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Frequency             | 806 - 866 MHz, 824 - 894 MHz, 872 - 960 MHz |
| Bandwidth             | 60 - 70 MHz (depending on version)          |
| Impedance             | 50 ohm                                      |
| Vswr                  | <1.5  |
| Polarisation          | Vertical                                    |
| Gain                  | 3 dB (Marine), 0 dBd, 2.1 dB                |
| Max. Input Power      | 200 W                                       |
| Antistatic Protection | Direct Ground                               |



## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | White and chrome   |
| Height                | 440 mm   |
| Weight                | Approx. 450 g  |
| Mounting              | On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets |
| Mounting Place        | On mast or deck  |
| Materials             | PU-painted glassfibre, copper, PTFE, PE and chrome plated solid brass                |
| Survival Wind Speed   | 55 m/s (125 mph)   |
| Operating Temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2)  |
| Connector             | N-female   |
| Cable                 | No cable supplied  |
| Ingress Protection    | IP66   |
| Vibration             | IEC 60068-2-6, IEC 60068-2-64  |
| Serial no.            | On product label   |

## ORDERING INFORMATION

|     |  |
|-----|--|
| P/N | 14093-000A: 806-866 MHz (Antenna only - bulk packing)  |
| P/N | 14093-001A: 806-866 MHz (Antenna only - in Polybag)  |
| P/N | 14093-002A: 806-866 MHz (Antenna only - in Carton tube)  |
| P/N | 14093-000B: 824-894 MHz (Antenna only - bulk packing)  |
| P/N | 14093-001B: 824-894 MHz (Antenna only - in Polybag)  |
| P/N | 14093-002B: 824-894 MHz (Antenna only - in Carton tube)  |
| P/N | 14093-000C: 872-960 MHz (Antenna only - bulk packing)  |
| P/N | 14093-001C: 872-960 MHz (Antenna only - in Polybag)  |
| P/N | 14093-002C: 872-960 MHz (Antenna only - in Carton tube)  |
| P/N | If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-431 for kit in Polybag     |
| P/N | If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-432 for kit in Carton tube |

PACKAGING INFORMATION

|        |  |
|--------|--|
| Type   | Bulk packing or individually packing in Polybag or Carton tube<br>(See "ORDERING INFORMATION") |
| size   | Approx. 0.7 m  |
| weight | 0.5-0.7 kg   |



