

# UHF219

9 dB UHF Fibreglass Antenna 0,64 m (1920-2170 MHz)

- Antenna especially made for UMTS/3G
- End-fed 1/2  $\lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

|                       |                               |
|-----------------------|-------------------------------|
| Frequency             | 1920 - 2170 MHz               |
| Bandwidth             | 250 MHz                       |
| Impedance             | 50 ohm                        |
| Vswr                  | < 1.5                         |
| Polarisation          | Vertical                      |
| Gain                  | 9 dB (Marine), 5 dBd, 7.1 dBi |
| Max. Input Power      | 40 W                          |
| Antistatic Protection | Direct Ground                 |



## Datasheet

2 / 4

## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | White and chrome   |
| Weight                | 350 g  |
| Length                | 640 mm   |
| 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

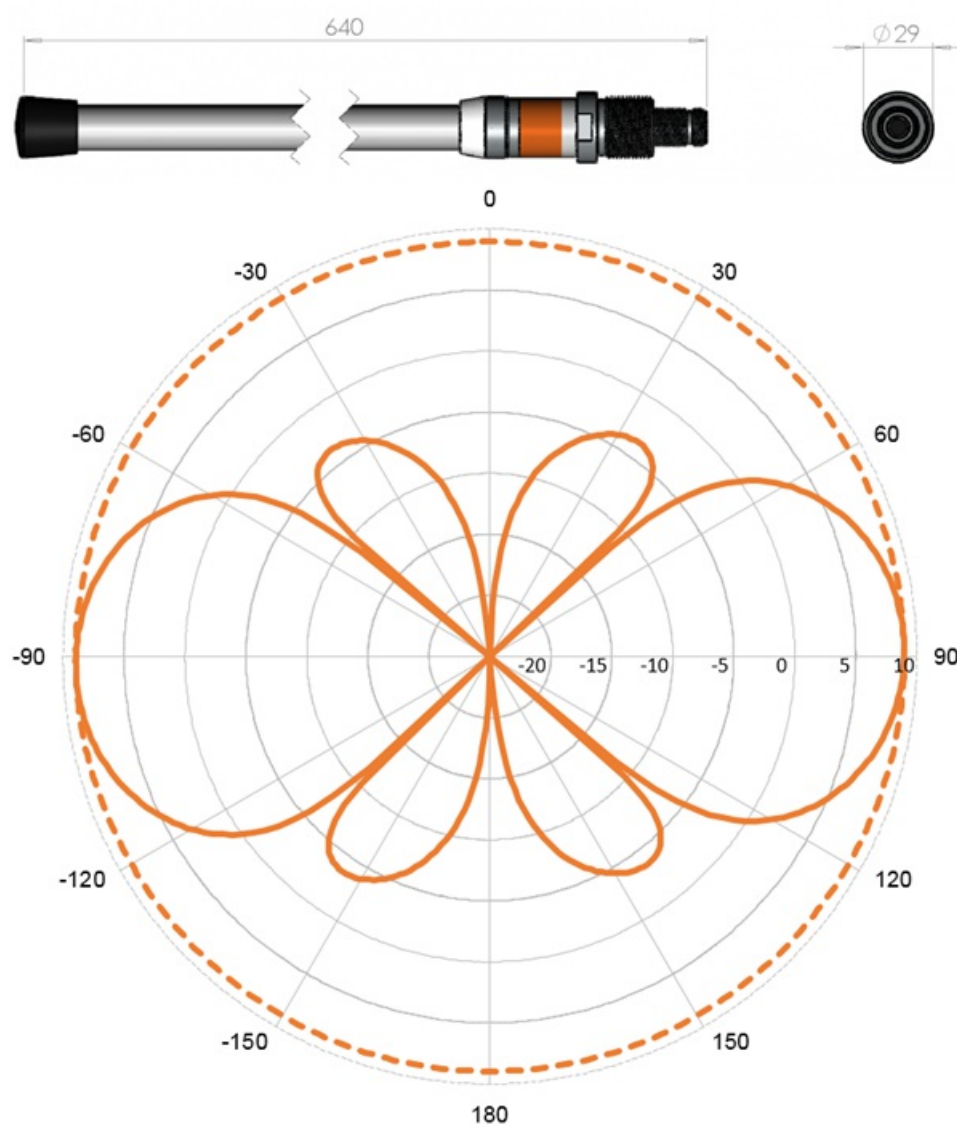
|     |   |
|-----|---|
| P/N | 14219-000 (Antenna only - bulk packing)                     |
| P/N | 14219-001 (Antenna only - in Polybag)                       |
| P/N | 14219-002 (Antenna only - in Carton tube)                   |
| P/N | 14219-431 (Antenna + 1" Revolving Nut Kit - in Polybag)     |
| P/N | 14219-432 (Antenna + 1" Revolving Nut Kit - in Carton tube) |

## PACKAGING INFORMATION

|        |   |
|--------|---|
| Type   | Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION") |
| size   | Approx. 0.75 m  |
| weight | Approx. 0.4 kg  |

## Datasheet

3 / 4



## Datasheet

4 / 4

