## Datasheet

# **UHF189**

9 dB UHF Fibreglass Antenna 0,84 m (1710-1880 MHz)

- Specified antenna for GSM1800, DCS a.o.
- End-fed 1/2  $\lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

### **ELECTRICAL SPECIFICATIONS**

| Frequency        | 1710 - 1880 MHz               |
|------------------|-------------------------------|
| Bandwidth        | 170 MHz                       |
| Impedance        | 50 ohm                        |
| Vswr             | <1.5                          |
| Polarisation     | Vertical                      |
| Gain             | 9 dB (Marine), 5 dBd, 7.1 dBi |
| Max. Input Power | 100 W                         |



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### MECHANICAL SPECIFICATIONS

| Color                    | White and chrome                                                                     |
|--------------------------|--------------------------------------------------------------------------------------|
| Height                   | Approx. 840 mm                                                                       |
| Weight                   | 400 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 chromed brass                            |
| Survival Wind Speed      | 55 m/s (125 mph)                                                                     |
| Operating<br>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 | 14189-000 (Antenna only - bulk packing)                     |
|-----|-------------------------------------------------------------|
| P/N | 14189-001 (Antenna only - in Polybag)                       |
| P/N | 14189-002 (Antenna only - in Carton tube)                   |
| P/N | 14189-431 (Antenna + 1" Revolving Nut Kit - in Polybag)     |
| P/N | 14189-432 (Antenna + 1" Revolving Nut Kit - in Carton tube) |

### PACKAGING INFORMATION

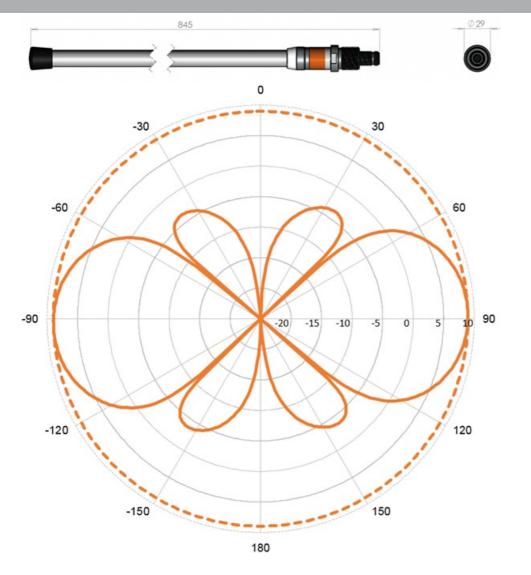
| Туре   | Bulk packing or individually packing in Polybag or Carton tube<br>(See "ORDERING INFORMATION") |
|--------|------------------------------------------------------------------------------------------------|
| size   | Approx. 0.9 m                                                                                  |
| weight | Approx. 0.45 kg                                                                                |

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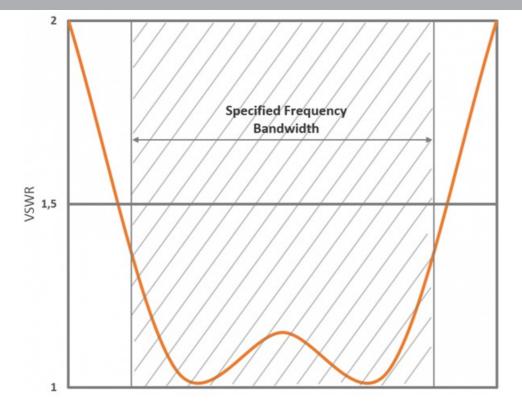


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