

### General Description

The Siretta Delta 7 series is a range of omni directional, direct connect antennas tuned to perform on either GSM/GPRS or 2.4/5.8GHz networks.

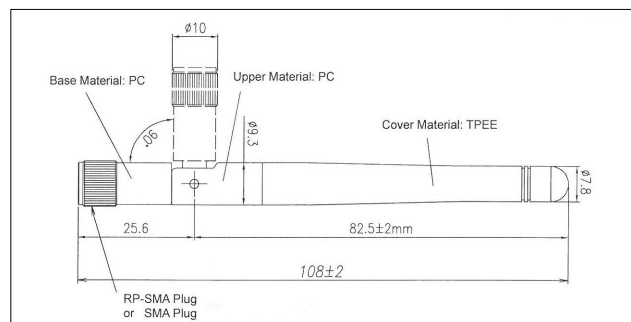
Vertically polarised, they are suitable for many of today's machine to machine communication applications such as telemetry, remote monitoring and mesh networking applications.



| Features                           | Benefits                                                                 |
|------------------------------------|--------------------------------------------------------------------------|
| <b>Hinged Mount</b>                | Offers widest range of mounting choices via knuckle and swivel connector |
| <b>Tuned to Specific Frequency</b> | Optimised for either GSM/GPRS or 2.4/5.8GHz                              |
| <b>Robust Construction</b>         | Over moulded whip to ensure durability in the field                      |
| <b>Omni-Directional</b>            | Provides good 360° transmission/reception coverage                       |
| <b>RoHS compliant</b>              | Meets all EU compliance criteria for electronic goods                    |

### Key Specifications – Mechanical

|                                |                       |
|--------------------------------|-----------------------|
| <b>Dimensions:</b>             | 110mm x 10mm          |
| <b>Connector:</b>              | SMA male or SMA RP    |
| <b>Operating Temperature:</b>  | -20°C to 65°C         |
| <b>Storage Temperature:</b>    | -30°C to 75°C         |
| <b>Antenna cover material:</b> | TPEE (black)          |
| <b>Base / Upper material:</b>  | Polycarbonate (black) |
| <b>Mounting method:</b>        | Direct connect        |



### Key Specifications - Electrical

|                                    |                                                                                                            |
|------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Operating Frequency:</b>        | ANTA2000A0200BR11 (850, 900, 1800, 1900MHz)<br>ANTQ0000A0200BR11 and<br>ANTQ0000D0200BR11 (2.4 and 5.8GHz) |
| <b>Radiating Element:</b>          | ¼ wave omni directional dipole                                                                             |
| <b>Polarization:</b>               | Vertical                                                                                                   |
| <b>Radiation Pattern:</b>          | Omni Directional                                                                                           |
| <b>Gain:</b>                       | 1dBi (Cellular)<br>1.5dBi (2.4-2.5GHz)<br>2.1dBi (5.8GHz)                                                  |
| <b>Return Loss</b>                 | - 10dB max                                                                                                 |
| <b>Impedance (ohm):</b>            | 50                                                                                                         |
| <b>VSWR:</b>                       | <2.0:1                                                                                                     |
| <b>Voltage and supply current:</b> | N/A                                                                                                        |

| Specification/Description                                          | Part Number       |
|--------------------------------------------------------------------|-------------------|
| Quad band GSM/GPRS (850, 900, 1800, 1900MHz) antenna with SMA male | ANTA2000A0200BR11 |
| 2.4 + 5.8GHz antenna with SMA male                                 | ANTQ0000A0200BR11 |
| 2.4 + 5.8GHz antenna with SMA reverse polarity (SMA-RP) connector  | ANTQ0000D0200BR11 |

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