

Key Features

- Hinged mount
- Tuned to quad band GSM frequencies
- Robust construction
- Omnidirectional
- RoHS compliant



General Description

The Siretta Delta 7B is a range of omnidirectional, direct connect antennas tuned to perform on GSM / GPRS networks.

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

Additional Considerations

- Offers widest range of mounting choices via knuckle and swivel connector
- Optimised for quad band GSM / GPRS
- Over moulded whip to ensure durability in the field
- Provides good 300° transmission / reception coverage
- Meets all EU compliance criteria for electronic goods

Rev 1.1

Key Specifications - Electrical

| | |
|------------------------------|--------------------------------|
| Operating temperature range: | -20 to 65 °C |
| Storage temperature range: | -30 to 75° |
| Impedance: | 50 ohm |
| Gain: | 1dBi (cellular) |
| VSWR: | <2.0:1 |
| Operating frequencies: | 850, 900, 1800, 1900MHz |
| Polarization: | Vertical |
| Radiating element: | ¼ wave omni directional dipole |
| Radiation pattern: | Omnidirectional |
| Return loss: | -10dB max |

Key Specifications - Mechanical

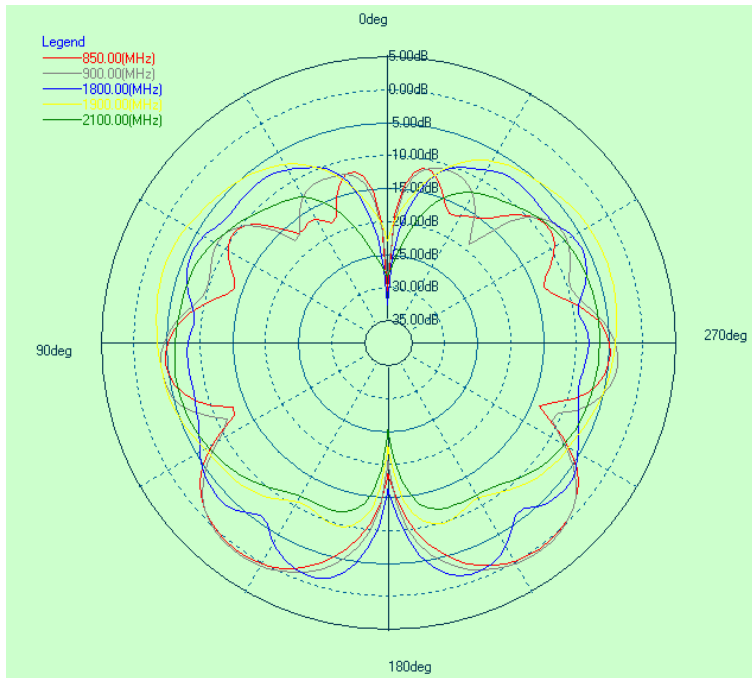
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|------------------|----------------|
| Dimensions: | 110mm x 10mm |
| Connector: | SMA male |
| Mounting method: | Direct connect |

Gain

GSM

| | |
|----------|----------|
| 850MHz: | 0.34dBi |
| 900MHz: | 0.69dBi |
| 1800MHz: | -1.28dBi |
| 1900MHz: | -5.32dBi |

Gain vs. Frequency Graph



UL Tested (Basingstoke, UK)
Part: DELTA7B/x/SMAM/S/S/11

Ordering Details:

| Part Number | Description |
|-----------------------|---|
| DELTA7B/x/SMAM/S/S/11 | Quad Band GSM/GPRS Hinged mount Antenna with SMA Male Connector |