

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

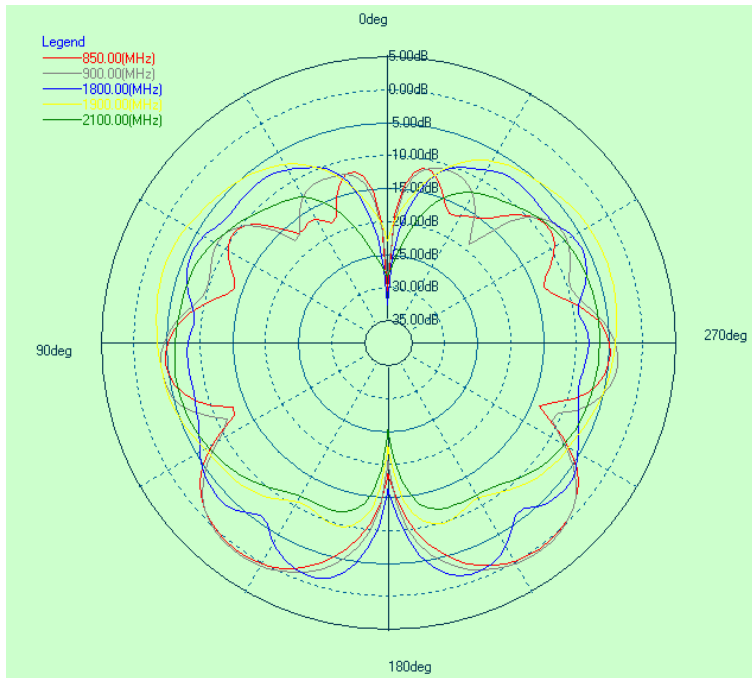
Dimensions:	110mm x 10mm
Connector:	SMA male
Mounting method:	Direct connect

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