



Delta 1A

Quad Band GSM, 3G & ISM Stubby Antenna

Key Features

- Quad band GSM & 3G
- ISM: 868 and 915MHz
- Groundplane independent



General Description

The Delta 1A Multiband antenna combines good performance with a small size, enabling its use with many of today's GSM / GPRS (2G), UMTS (3G) and ISM 868/915MHz Band applications.

The omni-directional, radiating element is capped with a black high-grade rubber mould which allows flexibility and provides a rugged stylish finish.

Typical applications are Point of Sale Terminals, metering and alarm panel equipment.

Additional Considerations

- Antenna can be discretely mounted
- Fits to many popular GSM / GPRS (2G) and UMTS (3G) terminal equipment
- Meets all EU compliance criteria for electronic goods





Delta 1A

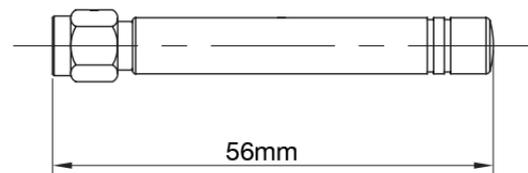
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Electrical Specifications

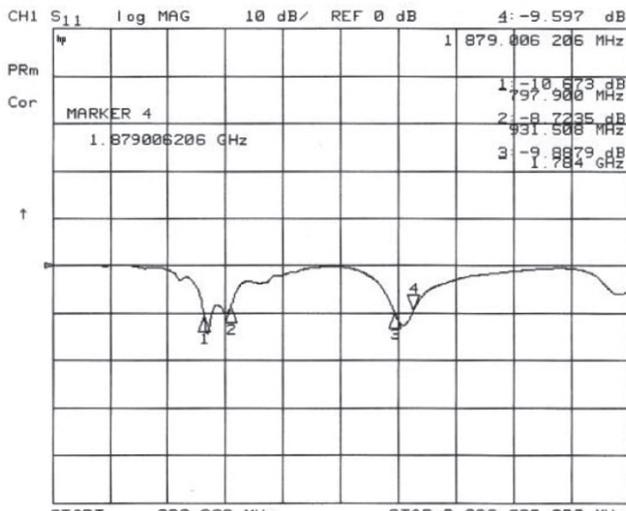
Impedance:	50 Ohm
Gain:	2.0 dBi
VSWR:	2.13 max @ 800 - 900 / 1700 - 1880MHz <3.0 @ 2100MHz
Operating Frequencies:	GSM: 800, 900, 1800, 1900MHz 3G: 2100MHz ISM: 868, 915MHz
Radiation:	Omni
Polarization:	Vertical

Mechanical Specifications

Operating Temperature range:	-20 - +60°C
Storage Temperature range:	-30 - +75°C
Dimensions:	L56mm
Connector:	SMA male
Mounting Method:	Direct connect
Connector plating:	Gold/Nickel



Return Loss



Frequency	VSWR
797.9MHz	1.814:1
931.508 MHz	2.13:1
1.784 MHz	1.949:1

Ordering Details

Part Number	Description
DELTA1A/X/SMAM/S/S/11	Stubby Quad Band GSM & 3G Antenna, SMA Male