



Delta 5A

ISM 868MHz Flexi Antenna SMA Male



Key Features

- Overmoulded, flexible whip
- Dedicated 868MHz frequency
- ¼ Wave Helical Omni Antenna

General Description

The Delta 5A is a ¼ wave, helically wound, omni-directional antenna dedicated to 868MHz providing superior performance at the spot frequency band.

Common applications are low power short range systems such as: wireless sensor monitoring, street lighting control, smart meter and security systems.

The Delta 5A is supplied with either an SMA male or for volume orders a reverse polarity SMA male connector.

Additional Considerations

- Rugged construction for portable equipment
- Ideal for many popular radio modules and equipment
- Meets all EU compliance criteria for electronic goods

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Direct

ISM
868

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Electrical Specifications

Operating Temperature Range:	-30 - +75°C
Impedance:	50 Ohm
Gain:	3dBi
VSWR:	≤2:1
Polarization:	Vertical
Centre Frequency:	868MHz
Radiating Element:	¼ wave whip
Max input Power:	50W

Mechanical Specifications

Dimensions:	L100mm
Connector:	SMA/BNC/TNC
Mounting Method:	Direct connect



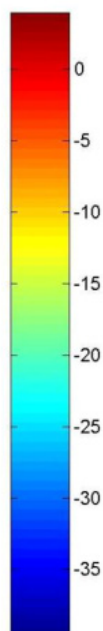
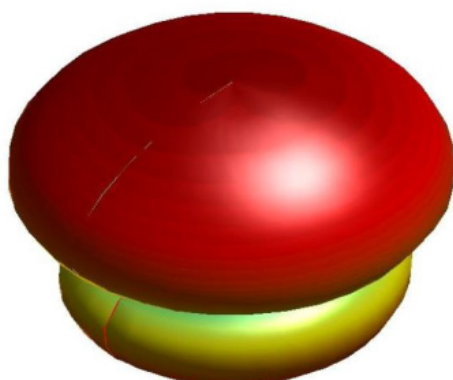
TNC Style



BNC Style

Radiation Plot

Freq = 0.8680GHz Az= 45 EL= 45

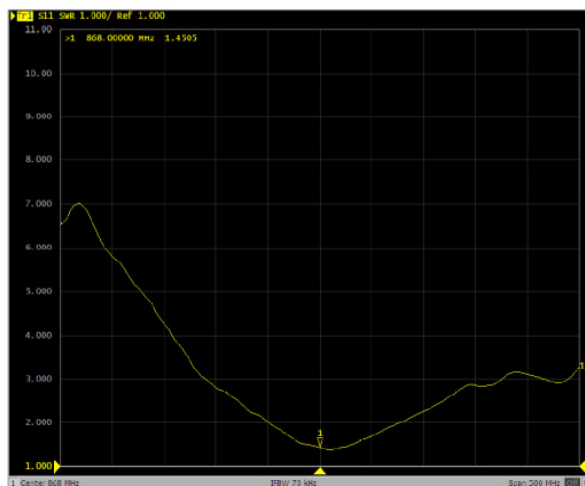




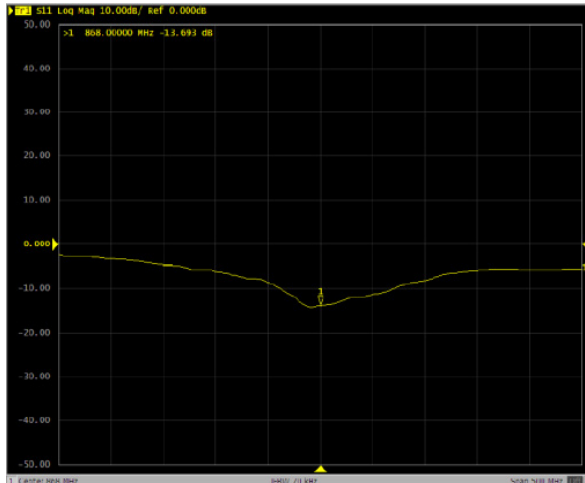
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VSWR



Return Loss



Ordering Details

Part Number	Description
DELTA5A/X/SMAM/S/S/17	868MHz 1/4 wave helical whip flexy antenna SMA male
DELTA5A/X/BNCM/S/S/17	868MHz 1/4 wave helical whip flexy antenna BNC male
DELTA5A/X/TNCM/S/S/17	868MHz 1/4 wave helical whip flexy antenna TNC male