



Key Features

- Overmoulded, flexible whip
- Various connector options
- Tuned to specific frequency
- Helically wound
- RoHs compliant
- Solid performer at competitive price

General Description

The Delta 5A is a $\frac{1}{4}$ wave helically wound UHF omnidirectional antenna with a centre frequency of 868MHz.

The Delta 5A has a gain of 3dBi and is intended for volume use where a good performer with robust features is required but at a competitive price point in volume.

Additional Considerations

- Rugged construction for portable equipment
- Ideal for many popular radio modules and equipment
- Optimised for use on 868MHz equipment, with 869MHz also supported
- Maximises space for mobile environments
- Meets all EU compliance criteria for electronic goods

Rev 1.0

Key Specifications - Electrical

Operating temperature range:	-30 to +75°C
Impedance:	50 ohm
Gain:	3dBi
VSWR:	≤2:1
Polarization:	Vertical
Centre frequency:	868MHz
Radiating element:	¼ wave whip
Max input power:	50W

Key Specifications - Mechanical

Dimensions:	100mm
Connector:	SMA, SMA RP, BNC or TNC
Mounting method:	Direct connect
Housing:	Black rubber overmould

Ordering Details

Part Number	Description
DELTA5A/X/SMAM/S/S/17	Helical Whip 868MHz ¼ wave helical whip flexy antenna SMA male
DELTA5A/X/BNCM/S/S/17	868MHz ¼ wave helical whip flexy antenna BNC male
DETLA5A/X/TNCM/S/S/17	868MHz ¼ wave helical whip flexy antenna TNC male