

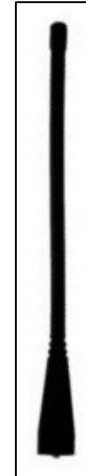


## Standard Antenna 315 - 915MHz

A range of high quality antennae designed and manufactured for operation specifically with Low power short range telemetry systems. Using one of the following antennae will give optimum range and reliability to your application.

### $\frac{1}{4}$ Wave Flexible Antenna

- Standard  $\frac{1}{4}$  Wavelength **Whip** Antenna
- Rugged Plastic Finish. Flexible Antenna
- Available as BNC, SMA-Plug, M4 Screw Fixing
- Available as Straight or Right Angle



### Helical Antenna

- $\frac{1}{4}$  Wavelength **Helical** Antenna
- Rugged Plastic Finish, Flexible Antenna
- Available As BNC, M4 Screw Fixing



### Compressed Helical Antenna

- $\frac{1}{4}$  Wavelength **Helical** Antenna
- Rugged Plastic Finish, Flexible Antenna
- Available As M4 Screw Fixing



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### +3db GAIN ANTENNA

- +3db GAIN  $\frac{5}{8}$  Wavelength Whip Antenna
- Integral Wall Mounting Bracket
- Supplied With 2 Metres Coax Cable & BNC (50 $\Omega$ )

Note: In Order To Comply With The UK DTI Regulations, A Gain Antenna Must Not Be Used On Any Transmitting Device.



### Puk Antenna

- Panel Mounting **Puk** Antenna
- Rugged Plastic Finish
- Available with BNC, SMA Fixings



# Standard Antenna 315 - 915MHz

## ¼ Wave Whip Antenna Dimensions (mm)

	SMA		M4		BNC		BNC 90°	
	Length	Dia	Length	Dia	Dia	Length	Dia	Length
<b>315MHz</b>	*	*	160	15	13	250		
<b>433MHz</b>	165	14	160.5	17	13	172	*	*
<b>458MHz</b>	-	-	-	16	-	164		
<b>868MHz</b>	79	14	-	17.5	-	81		
<b>916MHz</b>	-	-	83	-	13	-		

## Helical / Compressed Helical / Gain Antenna Dimensions (mm)

	Helical M4		Helical 4BA		Helical BNC		Comp. Helical M4		Gain	
	Length	Dia	Length	Dia	Length	Dia	Length	Dia	Length	Dia
<b>173MHz</b>	-	-	*	*	-	-	-	-	*	*
<b>315MHz</b>	-	-	72	13	105	17	-	-	*	*
<b>433MHz</b>	55	14	55.5	13	84	17	43	13	490	14
<b>458MHz</b>	-	-	-	-	81	17	-	-	-	-
<b>868MHz</b>	-	-	-	-	-	-	-	-	-	-
<b>916MHz</b>	-	-	83	13	*	*	-	-	-	-

## Puk Antenna Dimensions (mm)

	Puk		
	Height	Dia	Cable Length
<b>433MHz</b>	52	47	500



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## Part Numbers

<b><sup>1</sup>/<sub>4</sub> Wave Whip</b>					
Fixing	315MHz	433MHz	458MHz	868MHz	915Hz
<b>SMA-P</b>	-	FLEXI-SMA-433	-	FLEXI-SMA-868	-
<b>M4</b>	FLEXI-M4-315	FLEXI-M4-433	-	FLEXI-M4-868	-
<b>4BA</b>	FLEXI-4BA-315	FLEXI-4BA-433	-	-	FLEXI-4BA-916
<b>BNC</b>	-	FLEXI-BNC-433	FLEXI-BNC-458	FLEXI-BNC-868	-
<b>BNC 90°</b>		FLEXI-BNC90-433			-

<b>Helical</b>					
Fixing	173MHz	315MHz	433MHz	458MHz	915Hz
<b>M4</b>	-	-	PU-M4-433	-	-
<b>4BA</b>	PH-4BA-173	PU-4BA-315	PU-4BA-433	-	PU-4BA-916
<b>BNC</b>	-	PU-BNC-315	PU-BNC-433	PU-BNC-458	-

<b>Compressed Helical</b>					
Fixing	173MHz	433MHz	458MHz	868MHz	915Hz
<b>M4</b>	-	PHC-M4-433	-	-	-

<b>Gain Antenna</b>					
Fixing	173MHz	433MHz	458MHz	868MHz	915Hz
<b>Mag Mount</b>	SR150M/TS	ANT-433-WHP3-MAG	-	-	-
<b>Wall Mounting Bracket (incl)</b>	-	MB450-RFS433	-	-	-

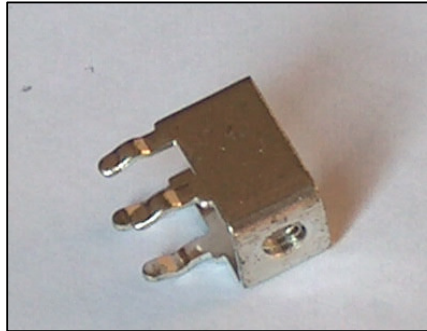
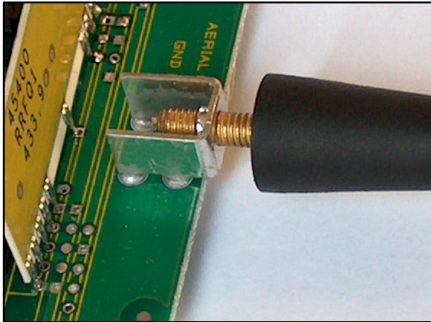
<b>Puk Antenna</b>	
Fixing	433MHz
<b>BNC</b>	ANTPUK1-433
<b>SMA</b>	ANTPUK1-433-SMA



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### SCTM4RA

The SCRTM4RA is a PCB mounting terminal providing a simple method of attaching a low cost 4mm Screw thread antenna to a PCB.



### PCB Layout

