



## Combiflex GSM/PCN/3G & AM/FM Antenna

### Electrical Data

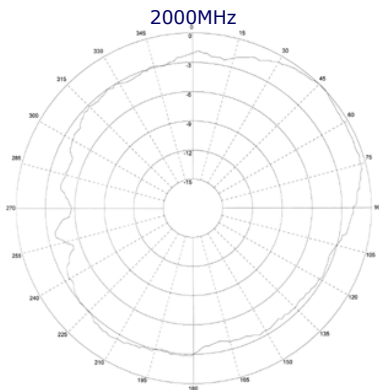
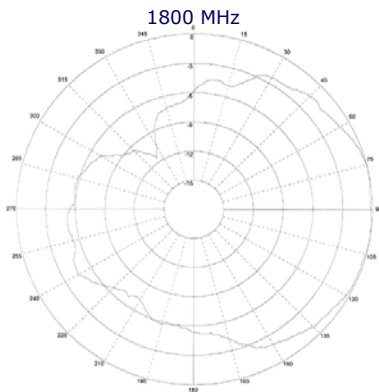
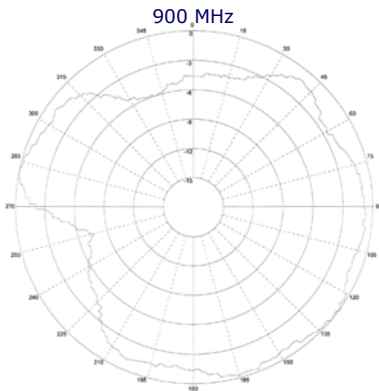
<b>Frequency Range (MHz)</b>		0.15-16, 76-110, 890 - 960 1710 - 1880, 1900 - 2170
<b>Operational Bands</b>		AM / FM, GSM900, GSM1800, 3G UMTS
<b>VSWR</b>		< 2:1
<b>Gain: Isotropic</b>	<b>AM</b>	15dBi
	<b>FM</b>	10dBi
	<b>Cellular</b>	2dBi
<b>Compared with ¼ wave</b>	<b>AM</b>	13dB
	<b>FM</b>	8dB
	<b>Cellular</b>	0dB
<b>Impedance</b>	<b>AM</b>	1K Ohm
	<b>FM</b>	150 Ohms
	<b>Cellular</b>	50 Ohms
<b>900/1800 De-coupling</b>		>30dB
<b>Operating Voltage</b>		+12V DC
<b>Current</b>		20mA
<b>Polarisation</b>		Vertical

### Mechanical Data

<b>Length of Whip (mm)</b>		460
<b>Whip Angle (mm)</b>		76°
<b>Base Dimensions (mm)</b>	<b>Length</b>	56
	<b>Width</b>	45
<b>Weight (g)</b>		
<b>Operating Temp (°C)</b>		-40° / +80°C
<b>Material</b>		Engineering Plastic
<b>Colour</b>		Black

### Mounting Data

<b>Fixing</b>		Panel Mount
<b>Mounting Hole Size (mm)</b>	<b>Length</b>	14.8
	<b>Diameter</b>	19.5



VSWR v Freq (MHz)

