

We build the following antennas and are proud to boast they are all designed and manufactured at our own facility in the UK. This current range of antennas were designed to augment our range of broadcast video links and camera control.

We can also provide a bespoke antenna, filter and power amplifier design service on request.

**SHORT VERTICAL OMNI**

Antenna Pattern	Omni Directional
Input Impedance	50 ohms
VSWR	Less than 1.3:1
Polarization	Vertical
Gain	+3dBi
Dimensions	Dia 18mm X H 115mm
Weight (From)	66gms
Colour	Black/White
Connector Type	N-Type/TNC/BNC/SMA/ DIN 4.3/10
Frequency (GHz)	1.2 - 7.5 GHz (Available in Bands)
Element	Solid Brass

**FLEXIBLE VERTICAL OMNI / LONG OMNI**

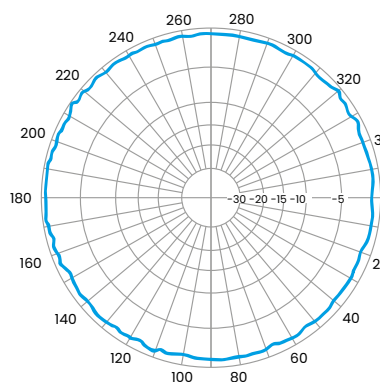
Antenna Pattern	Omni Directional
Input Impedance	50 ohms
VSWR	Less than 1.3:1
Polarization	Vertical
Gain	+3dBi
Dimensions (From)	Dia 18mm X H 275mm
Weight (From)	145gms
Colour	Black/White
Connector Type	N-Type/TNC/BNC/SMA/ DIN 4.3/10
Frequency (GHz)	1.2 - 7.5 GHz (Available in Bands)
Element	Solid Brass



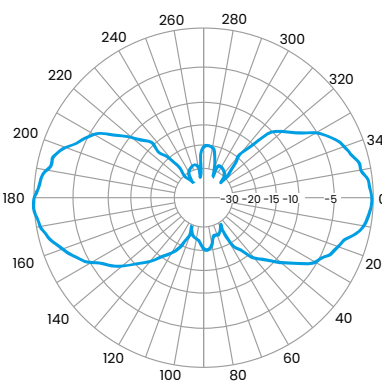
SHORT VERTICAL OMNI



FLEXIBLE VERTICAL OMNI



**HORIZONTAL**



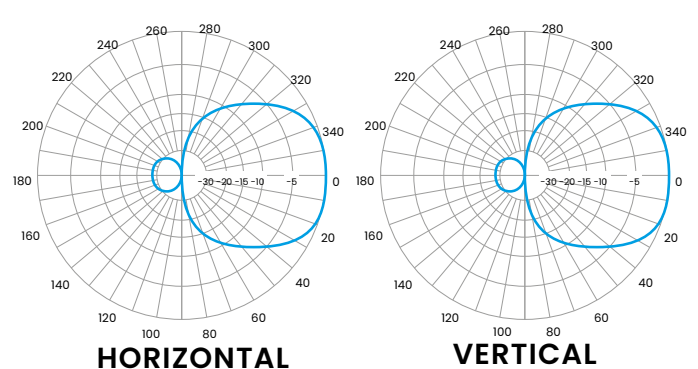
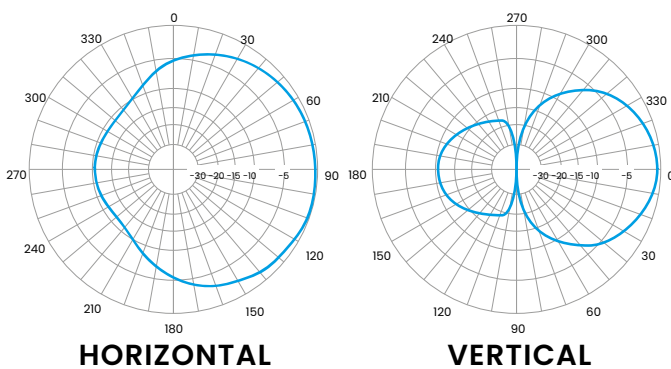
**VERTICAL**

**SECTOR ANTENNA 180 DEGREE**

Antenna Pattern	Directional
Input Impedance	50 ohms
VSWR	1.3:1
Polarization	Vertical/Horizontal
Gain	+6dBi
Dimensions	Dia 38mm X H 93mm x L 83mm
Weight	110gms
Colour	Black/White
Connector Type	N-Type & DIN 4.3/10
Frequency (GHz)	2.0 - 2.7GHz
Element	Solid Brass

**SECTOR ANTENNA 80 DEGREE**

Antenna Pattern	Directional
Input Impedance	50 ohms
VSWR	1.3:1
Polarization	Vertical/Horizontal
Gain	+9dBi
Dimensions (From)	Dia 75mm X H 40mm x L 90mm
Weight (From)	161gms
Colour	Black/White
Connector Type	N-Type & DIN 4.3/10
Frequency (GHz)	1.3 - 7.5 GHz (Available in Bands)
Element	Solid Brass



**BLADE/SHARKFIN ANTENNA**

**HELICAL/HELIX ANTENNA**

Antenna Pattern	Omni Directional
Input Impedance	50 ohms
VSWR	Less than 1.3:1
Polarization	Vertical
Gain	+2.5dBi
Dimensions	Dia 60mm X H 60mm
Weight	80gms
Colour	Black
Connector Type	SMA
Frequency (GHz)	2.0 - 2.7GHz
Element	Solid Brass

Antenna Pattern	Directional
Input Impedance	50 ohms
VSWR	Less than 1.3:1
Polarization	Circular (RHCP)
Gain	+4.5dBi
Dimensions	Dia 80mm X H 90mm
Weight	160gms
Colour	Black
Connector Type	N-Type/DIN 4.30/10
Frequency (GHz)	2.0 - 2.7GHz
Element	Solid Brass/Copper



**Model Features:**

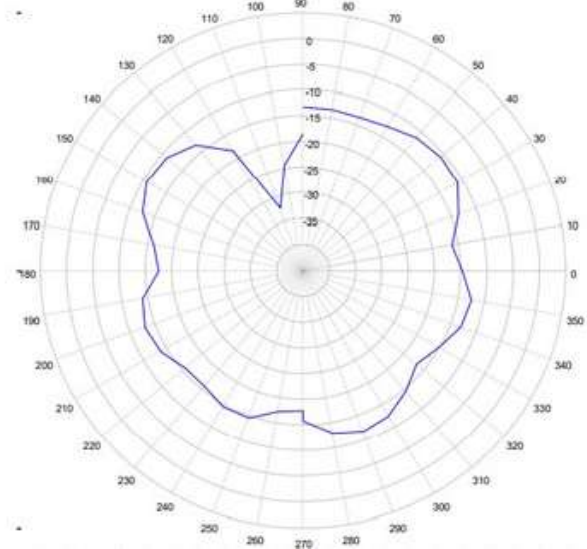
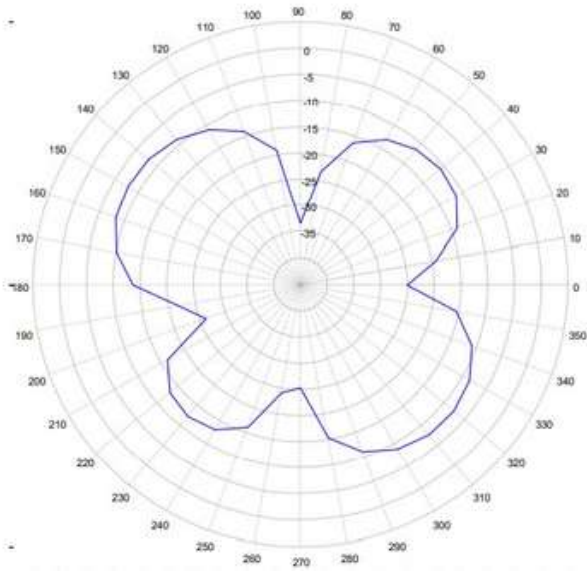
- Non Magnetic Base
- Direct Entry Connector through Base
- Solid Brass Elements, ABS cover
- Other Frequencies available upon request

**Model Features:**

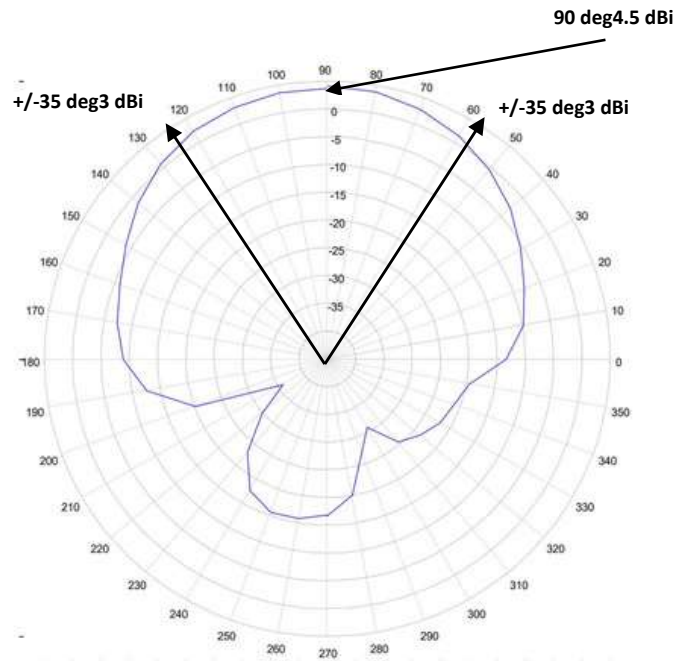
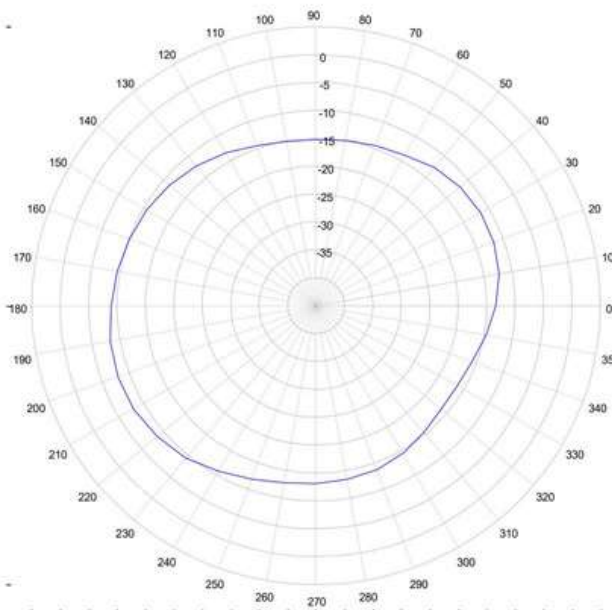
- Non Magnetic Base
- Direct Entry Connector through Base
- Solid Brass Elements, ABS cover
- Other Frequencies available upon request



### BLADE/SHARKFIN ANTENNA



### HELICAL/HELIX ANTENNA



**DOME ANTENNA**

Input Impedance	50 ohms
VSWR	Less than 1.3:1
Polarization	Vertical
Gain	+2.5dBi
Dimensions	Dia 60mm X H 60mm
Weight	80gms
Colour	Carbon Fibre
Connector Type	N-Type/SMA/DIN 4.3/10
Frequency (GHz)	2.0 - 2.7GHz
COAX Length	1m



**Model Features:**

- Non Magnetic Base
- Direct Entry Connector through Base
- Solid Brass Elements, ABS cover
- Other Frequencies available upon request

**ANTENNA OVERVIEW**

Antenna Type	Omni Short Vertical	Omni Flex Vertical	Omni Long Flex Vertical	180 Degree Sector	80 Degree Sector	Blade	Helical	Dome
<b>Gain</b>	3 dBi	3 dBi	3 dBi	6 dBi	9 dBi	2.5 dBi	4.5 dBi	2.5 dBi
<b>Available Frequencies</b> GHz	1.2-1.4	✓	✓	✓	•	•	•	•
	1.3-1.5	✓	✓	✓	•	•	•	•
	1.4-1.6	✓	✓	✓	•	•	•	•
	2.0-2.7	✓	✓	✓	✓	✓	✓	✓
	3.0-3.7	✓	✓	✓	•	•	•	•
	4.4-5.0	✓	✓	✓	•	•	•	•
	4.4-5.9	✓	✓	✓	•	✓	•	•
	6.0-7.5	✓	✓	✓	•	✓	•	•
<b>Available Connectors</b>	N Type	✓	✓	✓	✓	•	✓	✓
	TNC	✓	✓	✓	•	•	•	•
	SMA	✓	✓	✓	•	•	•	✓
	BNC	✓	✓	✓	•	•	•	•
	DIN 4.3/10	✓	✓	✓	✓	✓	•	✓

• Custom Frequencies may be available upon request