

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)

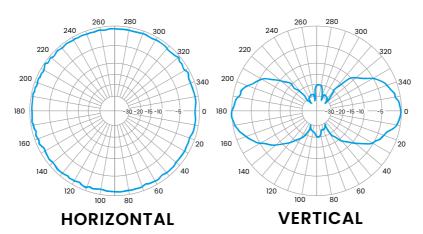
Element Solid Brass



SHORT VERTICAL OMNI



#### FLEXIBLE VERTICAL OMNI



T: +44 (0)1293 541 200 E: sales@videosys.tv W: videosys.tv The information contained in this document is the property of VideoSys Broadcast Ltd. This document and the information contained herein is provided for evaluation purposes only and is subject to change without notice. VideoSys Broadcast Ltd assumes no responsibility for errors that might appear in this document and gives no representations or warranties as to the accuracy of the information contained herein, including but not limited to the suitability and performances of the product or its intended application.



### **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

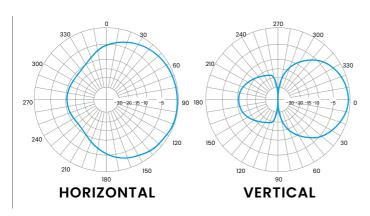
Connector Type N-Type & DIN 4.3/10

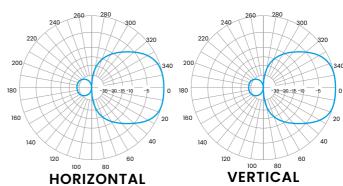
Frequency (GHz) 1.3 - 7.5 GHz (Available in Bands)

Element Solid Brass











# **BLADE/SHARKFIN ANTENNA**

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

# **HELICAL/HELIX ANTENNA**

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

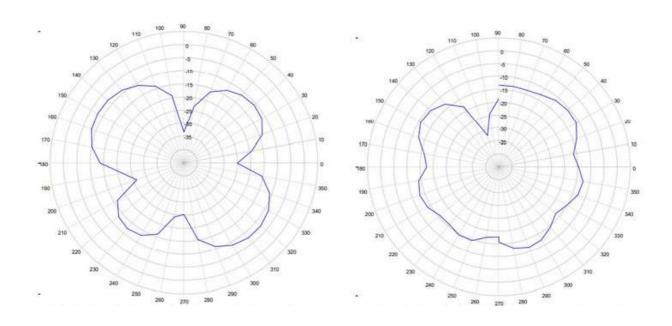


#### **Model Features:**

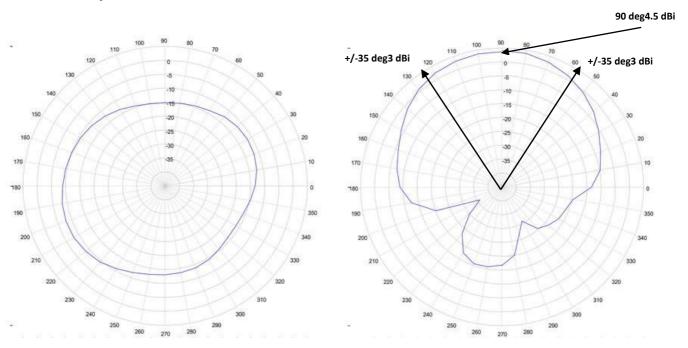
Non Magnetic Base Direct Entry Connector through Base Solid Brass Elements, ABS cover Other Frequencies available upon request



# **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
Gain		3 dBi	3 dBi	3 dBi	6 dBi	9 dBi	2.5 dBi	4.5 dBi	2.5 dBi
Available Frequencies 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>&gt;&gt;&gt;&gt;&gt;&gt;</b>	>>>>>>	<b>&gt;&gt;&gt;&gt;&gt;&gt;</b>	•	• > > > > > > > > > > > > > > > > > > >	•	•	•
Available Connectors	N Type TNC SMA BNC IN 4.3/10	<b>&gt;&gt;&gt;&gt;</b>	<b>&gt;&gt;&gt;&gt;</b>	<b>&gt;</b>	•	•	· · ·	•	· · · · · · · · · · · · · · · · · · ·

Custom Frequencies may be available upon request

T: +44 (0)1293 541 200 E: sales@videosys.tv W: videosys.tv The information contained in this document is the property of VideoSys Broadcast Ltd. This document and the information contained herein is provided for evaluation purposes only and is subject to change without notice. VideoSys Broadcast Ltd assumes no responsibility for errors that might appear in this document and gives no representations or warranties as to the accuracy of the information contained herein, including but not limited to the suitability and performances of the product or its intended application.