



# Antennas

**ALL AOR ANTENNAS ARE FOR RECEPTION ONLY.**

**NOT INTENDED FOR TRANSMIT!**

## DA3000



Ideal for commercial operators needing wide coverage.

Many of the 16 elements are of different lengths ensuring true wide band characteristics including one 'loaded' element to enhance the low frequency performance.

## 16 element discone

<b>Receiving Range</b>	25 MHz - 2GHz
<b>Impedance</b>	50 ohm
<b>Total height</b>	1 m
<b>Acceptable mast</b>	30 - 52 mm dia
<b>Coaxial cable</b>	RG-58A/U 10 m with BNC

## DA753G



Compact discone configuration, only 47cm diameter. The small size and relatively light weight design is ideal for installation in a confined space such as an apartment balcony.

## Compact discone

<b>Receiving Range</b>	75 MHz - 3GHz
<b>Impedance</b>	50 ohm
<b>Total height</b>	0.87 m
<b>Acceptable mast</b>	20 - 30 mm dia
<b>Endurance</b>	40 m/s wind speed
<b>Coaxial cable</b>	RG-58A/U 10 m with BNC

## DA5000



Professionally constructed 'compact' discone aerial.. The top section comprises of 16 horizontal elements and the lower section has eight radials mounted on a solid stub terminated in a N-type socket.

Overall outer diameter 145mm.

## Commercial grade discone

<b>Receiving Range</b>	700 MHz - 3GHz
<b>Impedance</b>	50 ohm
<b>Total height</b>	0.24 m
<b>Acceptable mast</b>	25 - 50 mm dia
<b>Endurance</b>	40 m/s wind speed
<b>Coaxial cable</b>	None. N connector

## SA7000



The aerial is designed for areas where space is a problem or when an "unobtrusive" installation is essential. The SA7000 is a passive arrangement providing two whip elements: a long element for short wave up to 30 MHz and a second shorter loaded whip aerial for frequencies up to 2 GHz, the loading coils are tuned around 150 & 800 MHz to enhance performance of the VHF & UHF bands.

## Twin element

<b>Receiving Range</b>	30 kHz - 2GHz
<b>Impedance</b>	50 ohm
<b>Total length</b>	1.80 m
<b>Acceptable mast</b>	30 -60 mm dia
<b>Endurance</b>	50 m/s wind speed
<b>Coaxial cable</b>	RG-58/U 15 m with BNC. BNC-N & BNC-PL239 adapters included.

## MA500

## Mobile whip

Mobile whip aerial mounted on a magnetic base. Useable coverage is 25 MHz - 1300 MHz with the loaded whip element being peaked around 150 & 800 MHz. The magnetic base has a diameter of about 85mm and the magnetic attraction is very strong. The aerial is mounted on a PL259 type plug base ready to screw into the magnetic base SO239 socket.

<b>Receiving Range</b>	25 MHz - 1.3 GHz
<b>Impedance</b>	50 ohm
<b>Total length</b>	0.72 m
<b>Coaxial cable</b>	RG-58A/U 4m with BNC

### LA380



Compact active (30cm diameter) loop antenna specifically designed to provide good reception when away from the main monitoring location or when large external antennas are not practical. Compact, but achieving high performance, featuring an internal high-gain amplifier (20dB for 10kHz-250MHz).

### High-Q active indoor loop

<b>Receiving Range</b>	10 kHz - 500 MHz, 5 bands selectable
<b>Impedance</b>	50 ohm
<b>Loop size</b>	0.30 m dia
<b>Power</b>	9-15V, approx. 80 mA
<b>Coaxial cable</b>	RG-58A/U 1m with BNC