

UK Antenna Manufacturer for VHF, PMR, UHF, Tetra, GSM-Cellular-3G, GPS, Wireless-LAN/WIFI and WIMAX


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Base Stations

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Omni Directional Base Stations

Professional

[End Fed](#)
[3dB Collinear >>](#)
[6dB Collinear](#)

Standard

[End Fed](#)
[3dB Collinear](#)
[6dB Collinear](#)

Yagis and Folded Dipoles

Professional

[Folded Dipole](#)
[2 Element](#)
[3 Element](#)
[4 Element](#)
[6 Element](#)
[8 Element](#)
[12 Element](#)
[Stacked Dipole](#)
[Paging](#)

Standard

[Folded Dipole](#)
[3 Element](#)
[8 Element](#)

Accessories

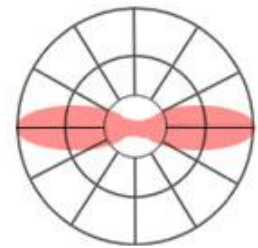
[Mounting Clamps and Accessories](#)
[Coaxial Cables](#)
[Coaxial connectors](#)
[Cellflex Low Loss Cable](#)
[Cellflex Connectors and Accessories](#)

Professional 3dB Collinear Antenna 136-470MHz including VHF, PMR, UHF, Marine and TETRA (Sigma CATC EQ) >>

MECHANICAL SPECIFICATION		
Termination	0.5m RG213 c/w type N socket	
Radome	Parallel Glass Fibre Tube White 26mm	
Mounting	Integral Diecast Aluminium Alloy	
Fasteners	M8 V Bolts	
Protection	Direct Grounded	
	VHF	UHF
Weight	2.0 kg	1.0 kg
Length	2.9 m	1.1 m
Wind Loading @ 45 m/s (162 Km/h)	156 N	70 N

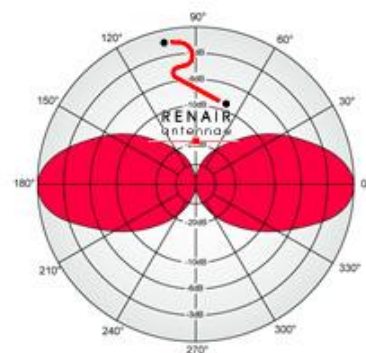
ELECtrICAL SPECIFICATION	
Frequency Range	136 - 470 MHz
Impedance	50 Ohms
VSWR	<1.5:1
Maximum Power	75W
Polarisation	Vertical
Gain (dBd)	3 dBd
E Plane Bandwidth	33

ORDERING INFORMATION	
Frequency	Type No.
136-145 MHz	2210
145 - 156 MHz	2211
154 - 166 MHz	2212
166 - 175 MHz	2213
380 - 400 MHz	2214
420 - 440 MHz	2215
440 - 470 MHz	2216

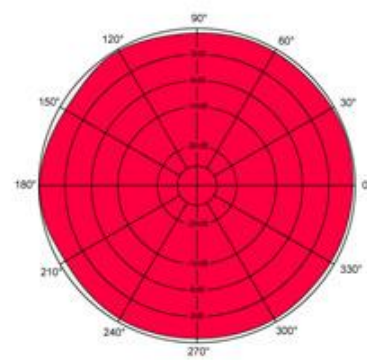


E PLANE RADIATION PATTERN





Radiation Pattern E-Plane



Radiation Pattern H-Plane

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Antenna Manufacturers & Designer from 50 MHz to 5.8 GHz. Antennas on VHF, TETRA, UHF, PMR, GPS, GSM, WIFI and WIMAX in UK
