

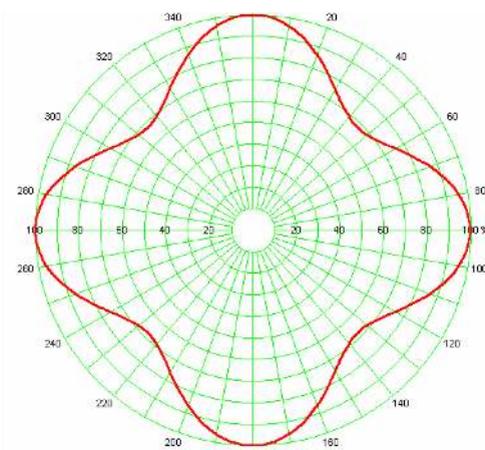
Antenna VHF 218-230MHz DAB

Turnstile, Vertical Polarisation

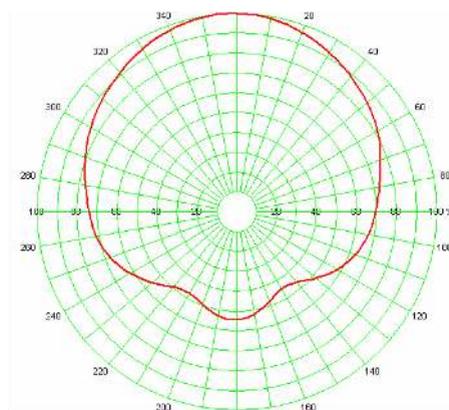


Product Description

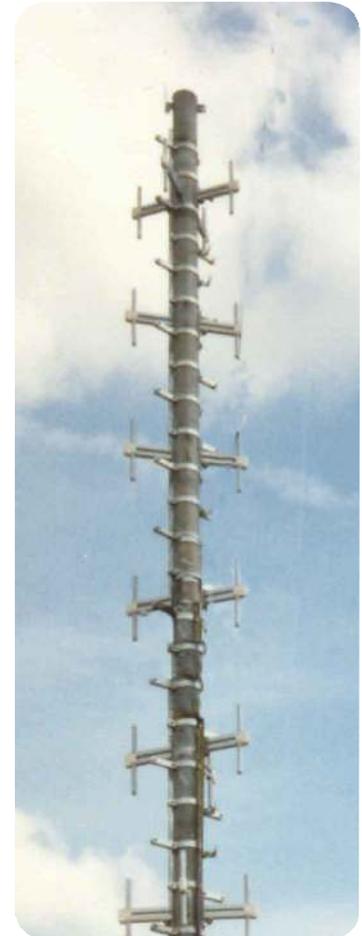
This antenna is designed to produce an omni directional Horizontal Radiation Pattern (HRP) refer to the pattern below, from an array of half wave vertical dipoles. It is available in various versions to provide other Horizontal patterns and increased gain. They are suited to the transmission of several DAB Multiplexes. They are complete with a galvanised steel support pole, suitable for mounting at the top of a tower.



HRP: Omnidirectional



Alternative Cardioid Radiation Pattern



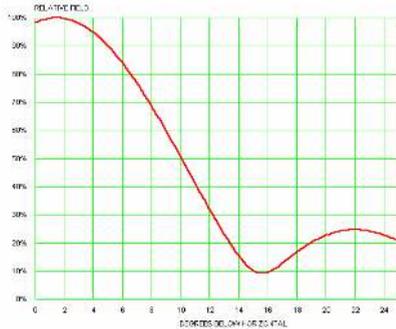
In pursuance of continual product improvement, AlanDick reserve the right to change specifications without prior notice

Edition No: 1-03

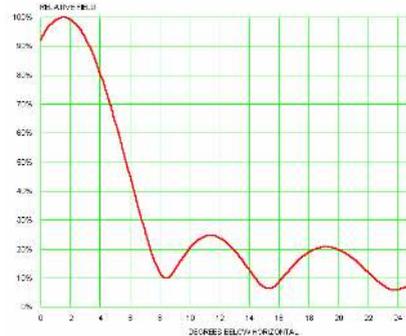
AlanDick plan, design, deploy, develop, maintain, manage, support, upgrade, integrate and optimise communication networks across the globe by providing products, services and solutions for Cellular, Broadcast, Radar/Surveillance and Enterprise markets.

Antenna VHF 218-230MHz DAB

Turnstile, Vertical Polarisation



Vertical Radiation Pattern 4λ



Vertical Radiation Pattern 8λ

Product Specification				
Frequency Range	(MHz)	218 - 230	218-230	
Polarisation		Vertical	Vertical	
Power Rating - according to input				
	1 5/8"	(kW)	5	10
Electrical Length	(Wavelength)	4	8	
Input Impedance	(ohms)	50	50	
Input VSWR		1.10:1	1.10:1	
Gain (Relative to halfwave dipole)		8.2dB @225MHz	10.5dB	
Lightning Protection		DC Grounded	DC Grounded	
Construction	Outer		Galvanised Steel	
	Inner		Brass & Copper Inner	
Ice Protection			GRP Feed Point Radome	
Aerodynamic Area	Front	(m sq.)	2.0	4.2
	Side		2.2	4.6
Length		(m)	7.8	13.4
Weight		(kg)	960	1,900

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