

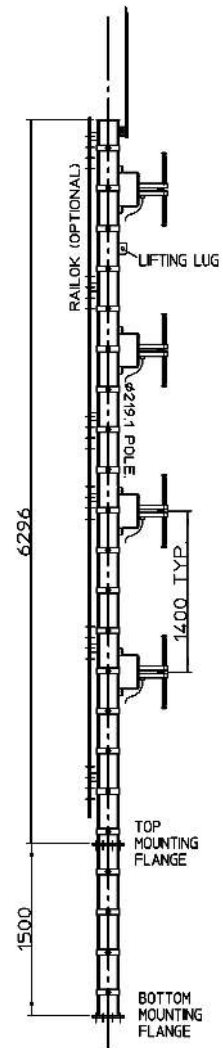
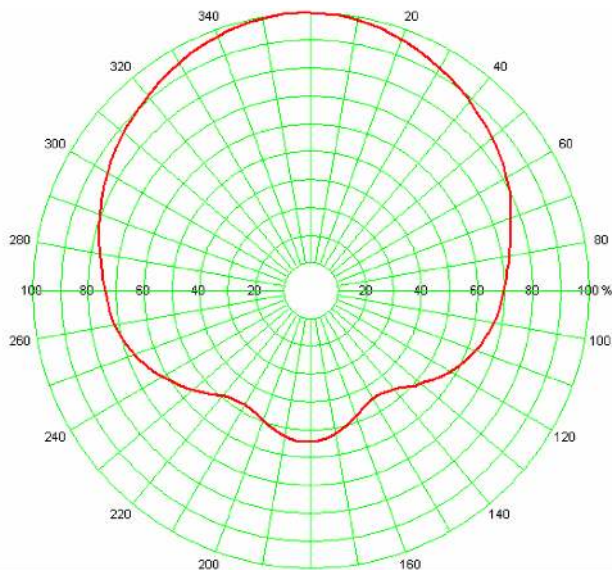
Antenna VHF 218-230MHz DAB

Cardioid, Vertical Polarisation

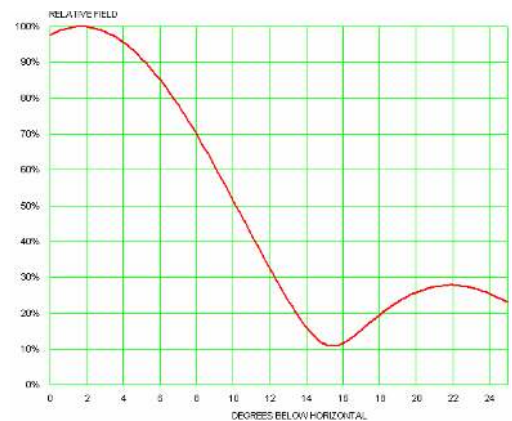


Product Description

This antenna is designed to produce an quasi 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.



Product Specification			
Frequency Range	(MHz)	218-230	
Polarisation		Vertical	
Power Rating - according to input connector		1 5/8" IEC (kW) 5	
Electrical Length		4 wavelengths	
Input Impedance	(ohms)	50	
Input VSWR		1.1:1	
Gain (relative to halfwave dipole)	(dB)	8.2 @ 225MHz	
Lightning Protection		DC Grounded	
Construction		Galvanised Steel, Brass & Copper Inner	
Ice Protection		GRP Feed Point Radome	
Weight	(kg)	655	
Aerodynamic Area	Front	(m sq.)	2.0
	Side	(m sq.)	2.2
Dimensions	(mm)	Length 7800 x 600	



Vertical Radiation Pattern 4λ

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

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