

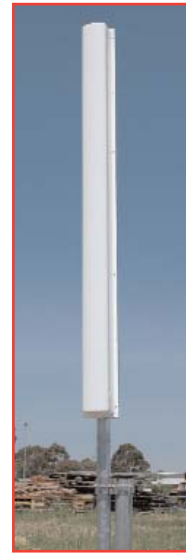
Band IV/V (UHF) Antenna 716-728MHz

Product Description

A new slim and light weight circularly polarised UHF antenna has been developed to provide excellent performance in a compact configuration. Low weight and low windload construction make this antenna an ideal choice for applications, such as repeater stations for Mobile Media, where an economical and very flexible antenna solution is required.

Features

- Circularly polarised
- Ideally suited for low power infills or Mobile TV applications.
- Low drag profile underpins the antenna's high wind speed rating and low wind load characteristics
- Cost-effective.
- High input power



CPR4SK



CPR4A

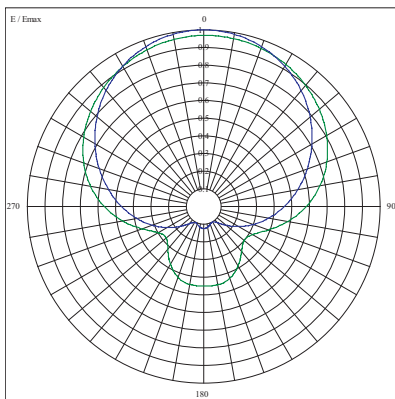
Specifications

Model	CPR4SK	CPR4A
Frequency Band, MHz	716-722 or 722-728	
Polarisation	Circular	
Electrical Downtilt, deg	0	
Gain in each plane of polarisation, dBd (nominal)	7.1	6.5
VSWR	1.1 : 1 max.	
Axial Ratio, dB	< 2.5 on boresight	
Power, max, Watts	1700 @ 722MHz	
Impedance, Ohms	50	
Connector: Type + Location	7-16 DIN Female Connector at centre	

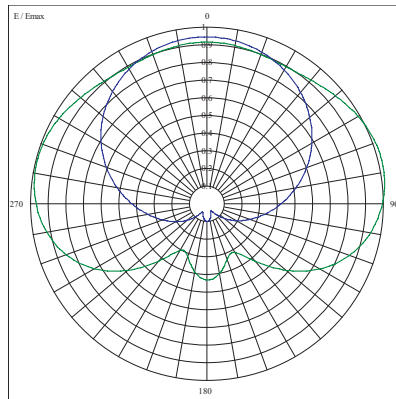
Mechanical Specifications (nominal)

Length (excluding mounting pole), mm / feet	1710 / 5.6	1710 / 5.6
Length (including mounting pole), mm / feet	2310 / 7.6	2310 / 7.6
Weight including mounting pole, kg / lbs	25 / 55	25 / 55
Wind load (max) @ 160km/h [AS1170.2], kN	0.5	1.1
Wind load area, (max), m2	0.48	0.74
Rated Wind Speed m/s / km/h	50/180	50/180
Radiating Element Material	Aluminium	Aluminium
Radome Material	UV Resistant Fibre Glass	UV Resistant Fibre Glass
Mounting pole OD, mm / inches	60 / 2.4	60 / 2.4

Patterns

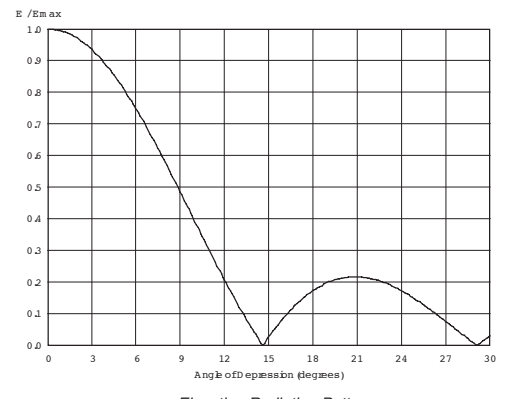


Azimuth Radiation Pattern - SK series



Azimuth Radiation Pattern - A series

— Horizontal
— Vertical



Elevation Radiation Pattern

All information contained in the present brochure is subject to confirmation at time of ordering