

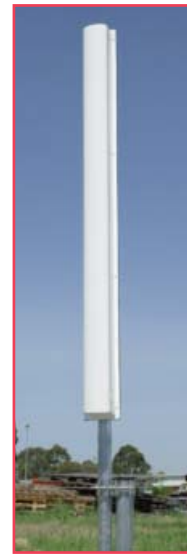
Band IV/V (UHF) Antenna 470-806MHz

Product Description

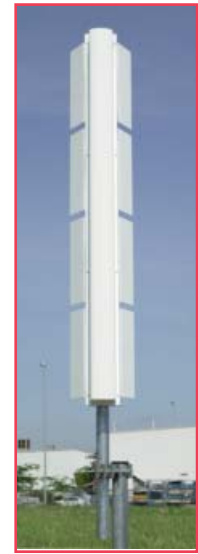
A new slim and light weight UHF antenna has been developed to provide excellent horizontal pattern performance operating over optimised discrete UHF broadcast bands in 470 - 806 MHz. These uniquely combined features, combined with a extremely low weight and low windload construction make this antenna an ideal choice for applications, such as repeater stations for DVB-H, where an economical and very flexible antenna solution is required.

Features

- 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.
- Broadband
- High input power



LPR4SK



LPR4A

Specifications

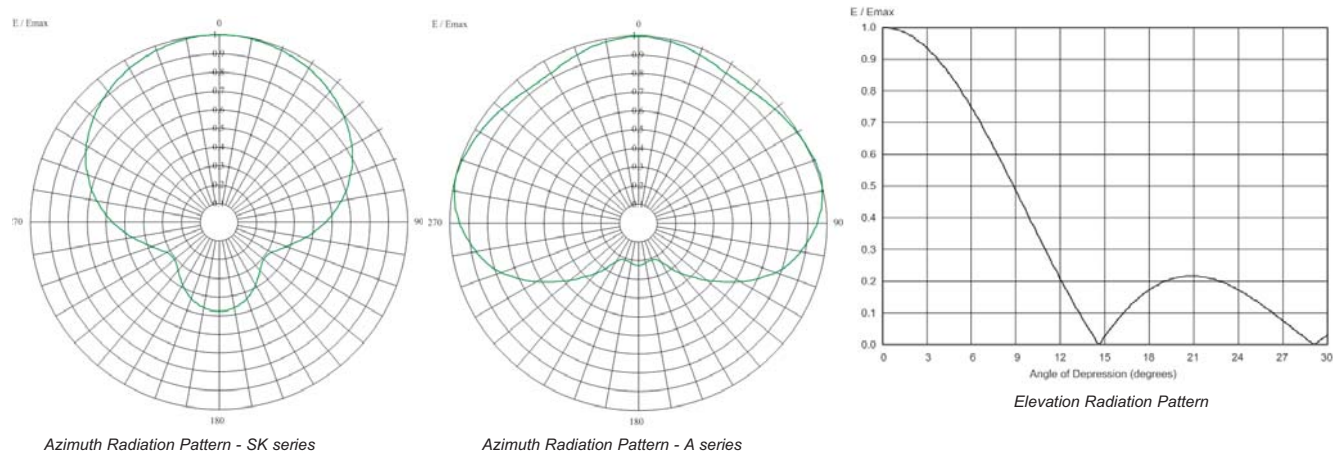
Model	LPR4SK	LPR4A
Frequency Sub-Bands, MHz	470-536, 488-608,578-704, 662-806	470-536, 488-608,578-704, 662-806
Polarisation	Horizontal	
Electrical Downtilt, deg	0	
Gain, dBd (nominal)	10.1 - 10.5	8.9 - 9.3
VSWR	1.2 : 1 max.	
Power, max, Watts	1600 @ 806MHz	
Impedance, Ohms	50	
Connector: Type + Location	7-16 DIN Female Connector at centre	

Mechanical Specifications (nominal)

Length max, mm	2240-3040	2240-3040
Weight incl. mounting pole, kg	22-33	25-35
Wind load (max) @ 160km/h [AS1170.2], kN	0.7-1.2	1.1-1.45
Wind load area, (max), m ²	0.5-0.7	0.7-1.0
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	60	60

**Note: Max for LPR4A, 470-536MHz 44/160 m/s /km/h

Patterns



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