

HPBASE01-D

High Power Unity Gain Omni Base Station Antenna

This meticulously constructed base station antenna with integrated multipurpose mounting bracket comes with a generous bandwidth which reduces the need for multiple antennas both in stock and on installation sites.

- Very high power antenna design
- No groundplane needed

ELECTRICAL SPECIFICATIONS

Frequency	144 - 170 MHz
Bandwidth	26 MHz
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	D < 1.6:1
Polarisation	Vertical
Gain	0 dBd, 2.1 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	80°
Electrical Beam-tilt	0°
Max. Input Power	500 W
Antistatic Protection	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	See Outline Drawing
Weight	3.3 - 3.8 kg (depending on model)
Mount type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Mounting Place	On vertical mast tube; Ø 30 - 60 mm
Materials	Brass, Copper, Fibreglass and Aluminium
Survival Wind Speed	55 m/s
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	N-female
Ingress protection	IP66
Vibration	IEC 60068-2-6, IEC 60068-2-64
Serial no.	On product label



ORDERING INFORMATION

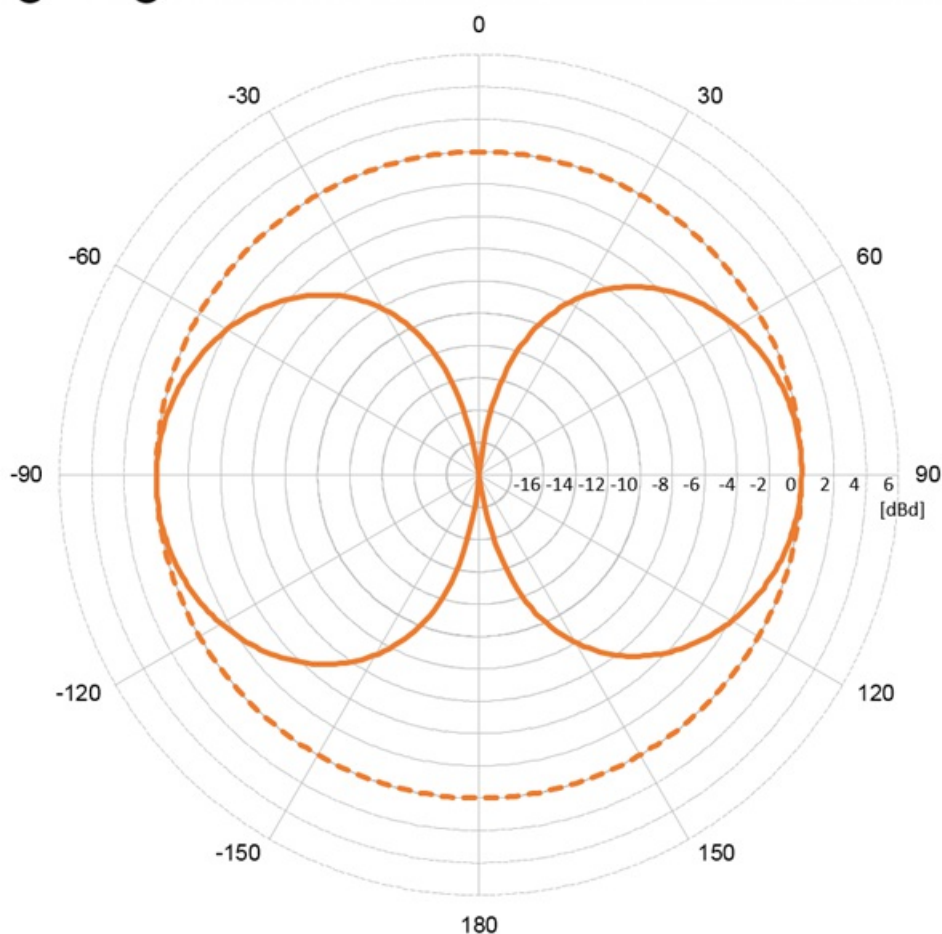
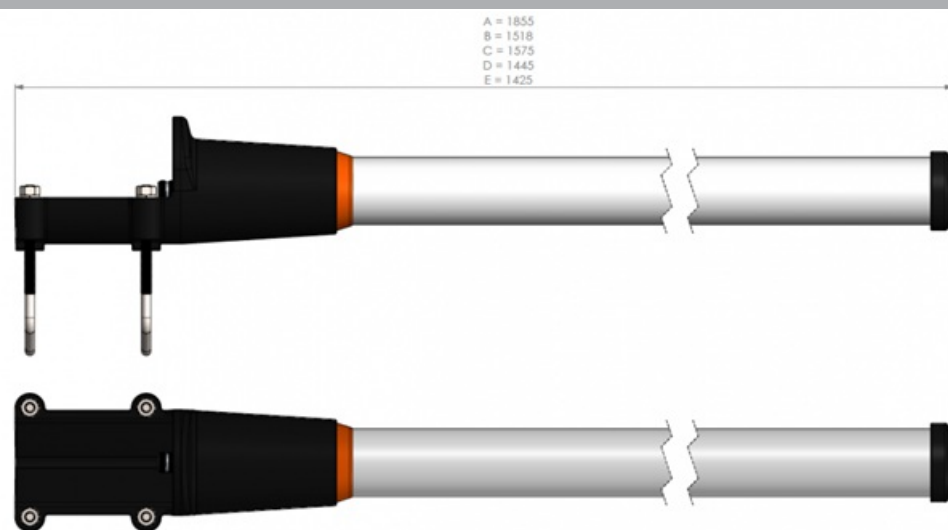
25001-12D	144-170 MHz (Individually packing in Carton tube)
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PACKAGING INFORMATION

Type	See "Part No."
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Datasheet

3 / 4



Datasheet

4 / 4

