HPBASE01 A/B/C/D/E

High Power Unity Gain Omni Base Station Antenna for the 150 MHz band

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	112 - 129 MHz, 118 - 137 MHz, 133 - 151 MHz, 144 - 170 MHz, 153 - 178 MHz (A/B/C/D/E)
Bandwidth	A: 17 MHz, B: 19 MHz, C: 18 MHz, D: 26 MHz, E: 25 MHz
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	A, B, C, E: < 1.5:1, 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



Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

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

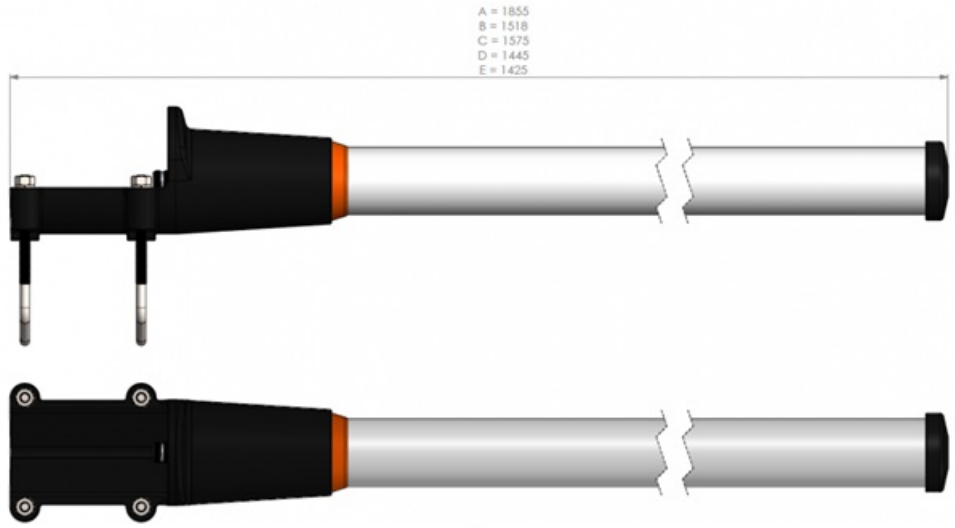
ORDERING INFORMATION

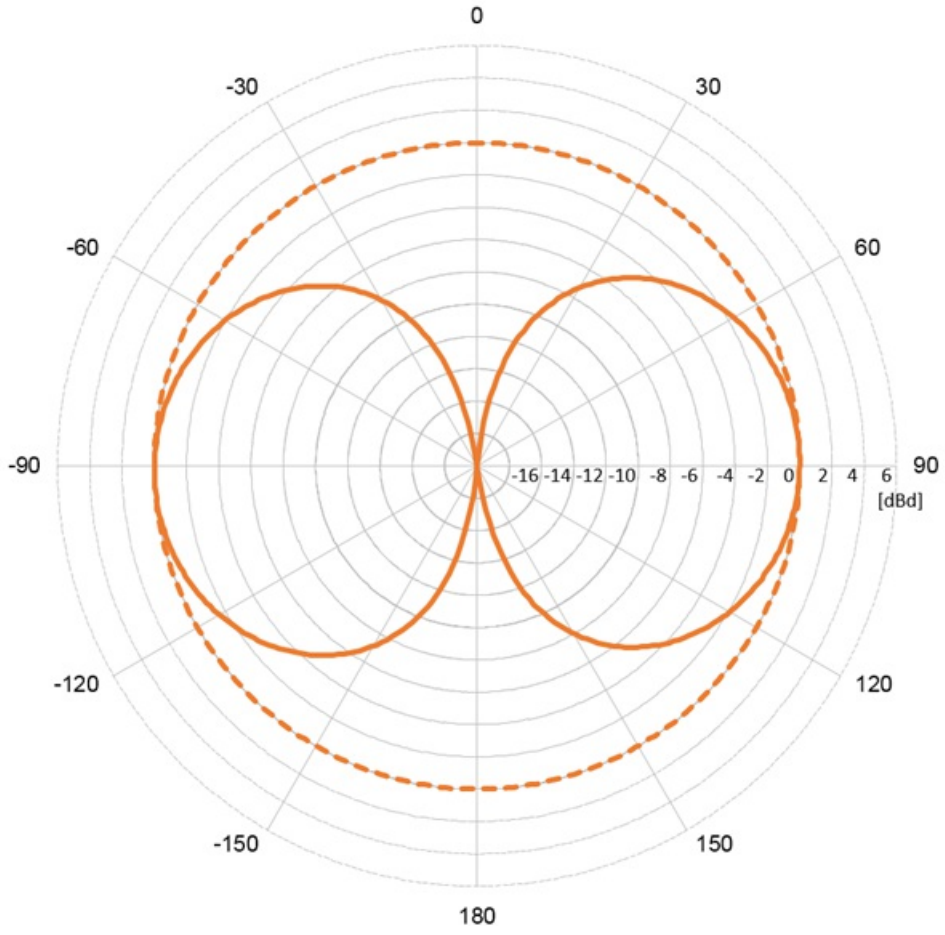
25001-012A	112-129 MHz (Individually packing in Carton tube)
25001-012B	118-137 MHz (Individually packing in Carton tube)
25001-012C	133-151 MHz (Individually packing in Carton tube)
25001-012D	144-170 MHz (Individually packing in Carton tube)
25001-012E	153-178 MHz (Individually packing in Carton tube)

PACKAGING INFORMATION

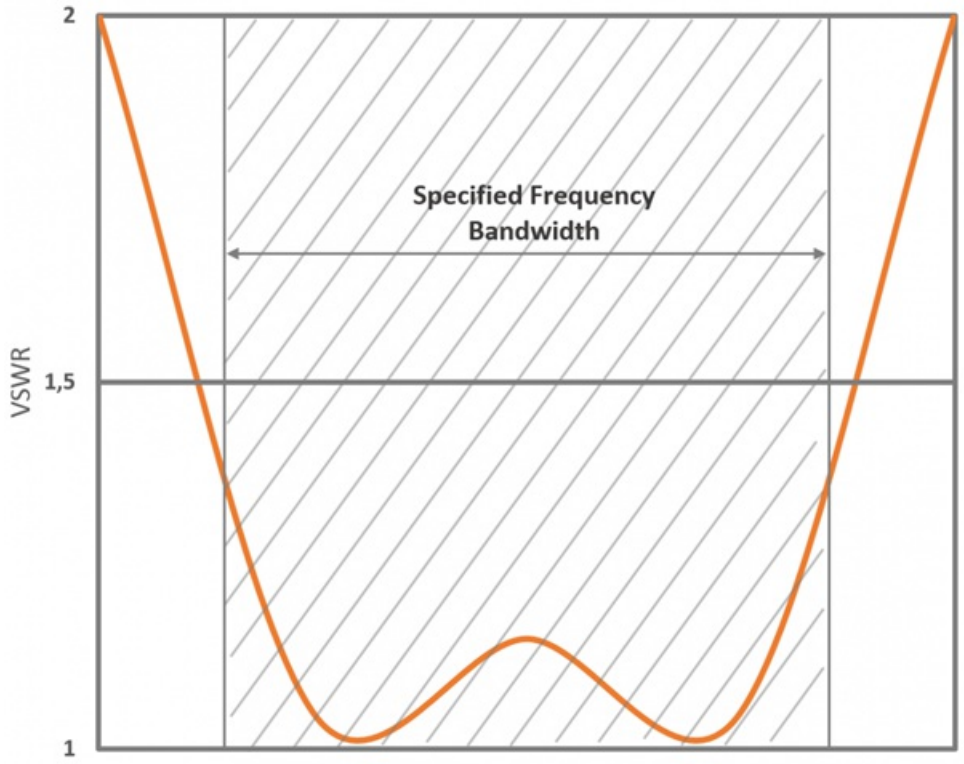
Type	See "Part No."

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