

# HPBASE004 A/B/C

High Power Unity Gain Omni Base Station Antenna for the 450 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	380 - 445 MHz, 399 - 476 MHz, 430 - 530 MHz (A/B/C)
Bandwidth	A: 65 MHz, B: 77 MHz C: 100 MHz
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	<1.5:1
Polarisation	Vertical
Gain	0 dBd, 2.1 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	76°
Electrical Beam-tilt	0°
Max. Input Power	500 W
Antistatic Protection	Direct Ground



MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	See Outline Drawing
Weight	2.8 kg
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

P/N	26004-012A: 380-445 MHz (Individually packing in Carton tube)
P/N	26004-012B: 399-476 MHz (Individually packing in Carton tube)
P/N	26004-012C: 430-530 MHz (Individually packing in Carton tube)

PACKAGING INFORMATION

Type	See "Part No."
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## Datasheet

3 / 4



