Datasheet

# 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





# Datasheet

# **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

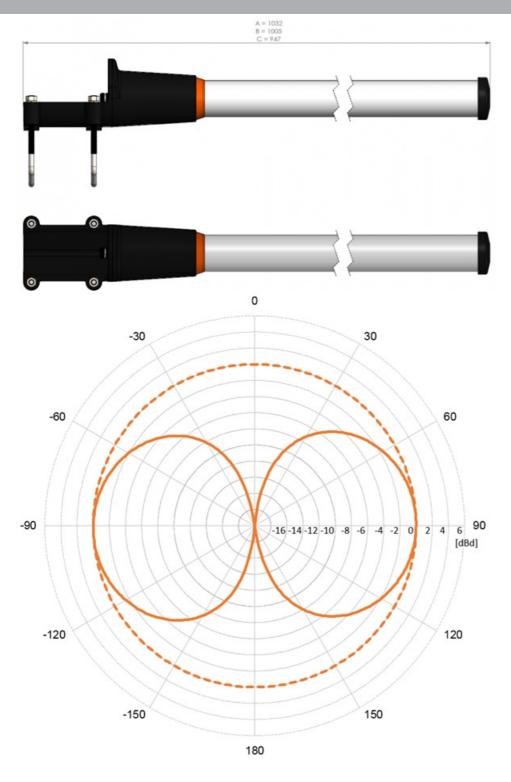
P/N	26004-012A: 380-445 MHz (Individually packing in Carton tube)
P/N	26004-012B: 399-476 MHz (Individually packing in Carton tube)
P/N	26004-012C: 430-530 MHz (Individually packing in Carton tube)

## PACKAGING INFORMATION

Туре	See "Part No."
. 7 1	

Printed: 5/19/2024

Datasheet



Printed: 5/19/2024

Datasheet

