

# BASE008 A/B/C

## Unity Gain Omni Base Station Antenna for 850 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.

- High power antenna design
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

Frequency	790 - 862 MHz, 872 - 960 MHz, 824 - 894 MHz (A/B/C)
Bandwidth	A: 72 MHz, B: 88 MHz, C: 70 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	78°
Electrical Beam-tilt	0°
Max. Input Power	200 W
Antistatic Protection	Direct Ground



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	See Outline Drawing
Weight	Max. 0.89 kg
Mount type	Fixed Tube Mounting Bracket (included). Wall mount Bolts not included.
Mounting Place	On Tube (Ø 30 - 60 mm, vertical or horizontal) or Wall mount (mounting hole distance 68.5 mm).
Materials	Antenna: Brass, Copper, Fibreglass and Aluminium. Mounting Kit: Stainless steel A4 (AISI-316)
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

23008-004A	790-862 MHz (Individually packing in Carton tube)
23008-004B	872-960 MHz (Individually packing in Carton tube)
23008-004C	824-894 MHz (Individually packing in Carton tube)

## PACKAGING INFORMATION

Type	See "Part No."
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