

# BASE508 A/B

## 5 dBd Gain 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	824 - 894 MHz, 890 - 960 MHz (A/B)
Bandwidth	A: 70 MHz, B: 70 MHz
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	A: <1.5:1
Polarisation	Vertical
Gain	5 dBd, 7.1 dBi,
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	18°
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	1.25 kg
Mount type	Fixed Tube Mounting Bracket
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

23508-004A	824-894 MHz (Individually packing in Carton tube)
23508-004B	890-960 MHz (Individually packing in Carton tube)

## PACKAGING INFORMATION

Type	See "Part No."
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