

BASE504 A/B/C/D

5 dBd Gain Base Station Antenna for 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.

- High power antenna design
- No groundplane needed

ELECTRICAL SPECIFICATIONS

Frequency	380 - 410 MHz, 400 - 430 MHz, 420 - 450 MHz, 440 - 470 MHz (A/B/C/D)
Bandwidth	A/B/C/D: 30 MHz
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	<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	250 W
Electrical Beam-tilt	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	2196 mm
Weight	Max. 1.78 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

23504-004A	380-410 MHz (Individually packing in Carton tube)
23504-004B	400-430 MHz (Individually packing in Carton tube)
23504-004C	420-450 MHz (Individually packing in Carton tube)
23504-004D	440-470 MHz (Individually packing in Carton tube)

PACKAGING INFORMATION

Type	See "Part No."
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