

# BASE004 A/B/C/D/E/F/G/X

## 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.

- High power antenna design
- Customer specified center frequency in X version
- No groundplane needed

### ELECTRICAL SPECIFICATIONS

Frequency	406 - 426 MHz, 420 - 440 MHz, 430 - 450 MHz, 449 - 471 MHz, 468 - 492 MHz, 380 - 400 MHz, 330 - 360 MHz, 330 - 406 MHz- 512 MHz (A/B/C/D/E/F/G/X)
Bandwidth	For X version: Approx. 5 % of the specified Centre Frequency (CF)
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	300 W
Antistatic Protection	Direct Ground



## MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	See Outline Drawing
Weight	Max. 1.1 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

23004-000A	406-426 MHz (Bulk packing)
23004-000B	420-440 MHz (Bulk packing)
23004-000C	430-450 MHz (Bulk packing)
23004-000D	449-471 MHz (Bulk packing)
23004-000E	468-492 MHz (Bulk packing)
23004-000F	380-400 MHz (Bulk packing)
23004-000G	330-360 MHz (Bulk packing)
23004-000X	406-512 MHz (Bulk packing)
23004-001A/B/C/D/E/F/X	Individually packing in Polybag
23004-004A/B/C/D/E/F/X	Individually packing in Carton tube

PACKAGING INFORMATION

Type	See "Part No."
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