

BASE1004-X UHF BA Omni (Base Antenna)

Unity Gain Omni Antenna for the 450 MHz band

This meticulously constructed UHF 450 MHz omni-directional Base Station antenna with multipurpose mounting bracket (G1"-11 thread) antenna, can be attached directly on 10000-183 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

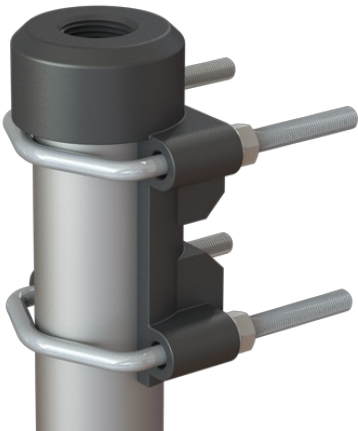
Frequency	406 - 512 MHz
Bandwidth	For X version: Approx. 5 % of the specified Centre Frequency (CF)
Antenna Type	Half Wave Dipole
Impedance	50 Ohm
Vswr	<1.5:1
Polarisation	Vertical
Gain	0 dBd, 2.1 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	78°
Max. Input Power	300 W
Antistatic Protection	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White and Chrome
Length	1145 mm
Weight	Max. 1.1 kg
Mount type	Direct 10000-183 bracket (on 1" threaded pole (G1"-11 thread))
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

24004-005X	406-512 MHz (incl. 10000-183 bracket) CF
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PACKAGING INFORMATION

Type	See "Ordering information."
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