

BASE1001-X VHF BA Omni (Base Antenna)

Unity Gain Omni Antenna

VHF 150 MHz Base Station antenna models terminate in a 1"-14 threaded ferrule which can be attached directly on the mounting hardware (P/N: 10000-183). Comes with a generous bandwidth which reduces need for multiple antennas both in stock and installation sites.

- High quality VHF antenna with N-female connector
- Full $1/2 \lambda$ dipole antenna design
- Full omni-directional radiation pattern
- Customer specified center frequency X-version
- No groundplane needed

ELECTRICAL SPECIFICATIONS

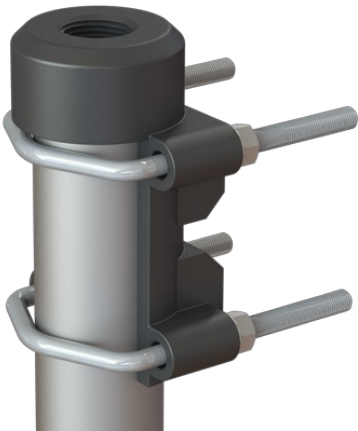
Antenna Type	Half Wave Dipole
Frequency	118-174 MHz
Bandwidth	For x-version approx. 12% of the specified frequency (CF)
Impedance	50 Ohm
VSWR	< 1.5:1 (A: <1.6:1)
Polarisation	Vertical
Gain	0 dBd, 2.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	78°
Max. Input Power	150 W
Antistatic Protection	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White and Chrome
Length	See Outline Drawing
Weight	375 g
Mounting	Directly on 10000-183 bracket (on 1" threaded pole (G1"-11 thread))
Mounting Place	On mast or pole together with mount hardware
Materials	PU-painted glasfibre, copper, PTFE, PE and chrome plated solid brass
Survival Wind Speed	55 m/s (125 mph)
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	N-female
Cable	No cable supplied
Ingress Protection	IP66
Vibration	IEC 60068-2-6, IEC 60068-2-64
Serial no.	On product label



ORDERING INFORMATION

21010-005X	118-174 MHz (incl. 100009-183 bracket) CF
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PACKAGING INFORMATION

Type	See "Ordering information".
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