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# BASE001 A/B/C/D/E/X

### Unity Gain Omni Base Station Antenna for the 150 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	118 - 137 MHz, 128 - 144 MHz, 144 - 163 MHz, 154 - 174 MHz, 218 - 225 MHz, 118 - 174 MHz (A/B/C/D/E/X)
Bandwidth	For X version: Approx. 12 % of the specified Centre Frequency (CF)
Antenna Type	Half Wave Dipole
Impedance	50 ohm
Vswr	A: <1.6:1, B, C, D, E, X: <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	150 W
Antistatic Protection	Direct Ground







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## **MECHANICAL SPECIFICATIONS**

White, Black and Orange
See Outline Drawing
Max. 1.2 kg
Fixed Tube Mounting Bracket (included). Wall mount Bolts not included.
On Tube (Ø 30 - 60 mm, vertical or horizontal) or Wall mount (mounting hole distance 68.5 mm).
Antenna: Brass, Copper, Fibreglass and Aluminium. Mounting Kit: Stainless steel A4 (AISI-316)
55 m/s
-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
N-female
IP66
IEC 60068-2-6, IEC 60068-2-64
On product label





### ORDERING INFORMATION

P/N	22010-000A: 118-137 MHz (Bulk packing)
P/N	22010-000B: 128-144 MHz (Bulk packing)
P/N	22010-000C: 144-163 MHz (Bulk packing)
P/N	22010-000D: 154-174 MHz (Bulk packing)
P/N	22010-000E: 218-225 MHz (Bulk packing)
P/N	22010-000X: 118-174 MHz (Bulk packing)
P/N	22010-001A/B/C/D/E/X (Individually packing in Polybag)
P/N	22010-004A/B/C/D/E/X (Individually packing in Carton tube)

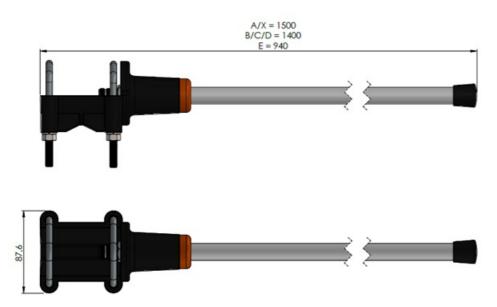
## PACKAGING INFORMATION

Type See "Part No."
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