### Scan-Antenna®

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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

#### 118 - 137 MHz, 128 - 144 MHz, 144 - 163 MHz, 154 - 174 MHz, 218 - 225 Frequency 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 0 dBd, 2.1 dBi Gain **Radiation Pattern** Omni Directional (Horizontal) Half Power 78° Beamwidth 0° Electrical Beam-tilt Max. Input Power 150 W Direct Ground Antistatic Protection

#### ELECTRICAL SPECIFICATIONS



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#### MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	See Outline Drawing
Weight	Max. 1.2 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

22010-004A	118-137 MHz (Individually packing in Carton tube)
22010-004B	128-144 MHz (Individually packing in Carton tube)
22010-004C	144-163 MHz (Individually packing in Carton tube)
22010-004D	154-174 MHz (Individually packing in Carton tube)
22010-004E	218-225 MHz (Individually packing in Carton tube)
22010-004X	118-174 MHz (Individually packing in Carton tube)

#### PACKAGING INFORMATION

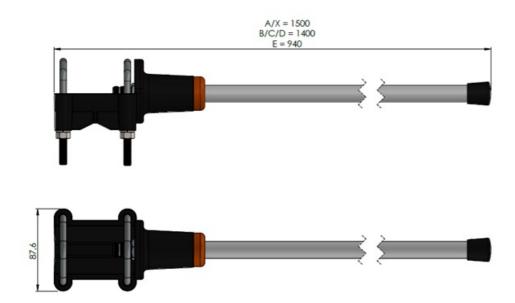
Туре

See "Part No."

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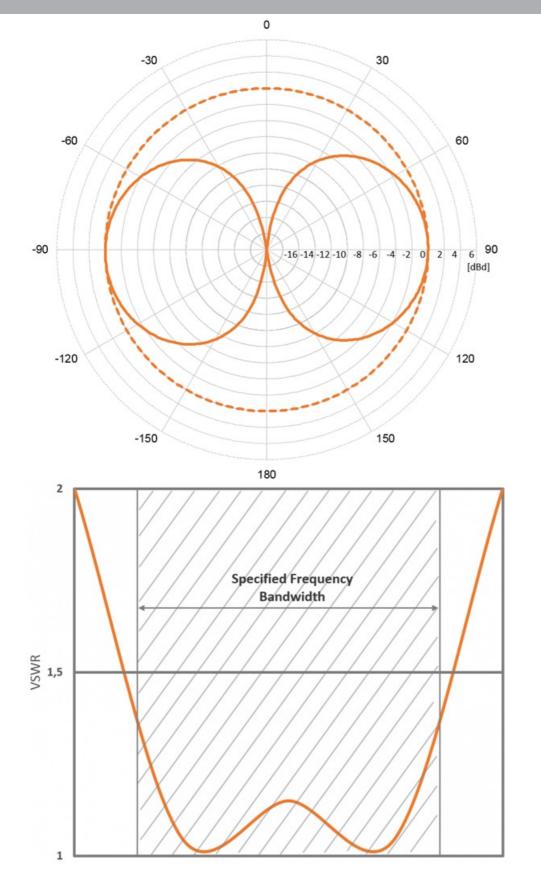




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