UHF004 A/B/C/D

Broadband Unity Gain Omni Base Station Antenna for the 450 MHz band

The UHF004 is a lightweight broadbanded UHF omnidirectional base station antenna with integrated multipurpose mounting bracket.

- The antenna is sealed in a high-quality glass fiber tube.
- The cable can be led either on the outside or along the inside of the mast tube.
- Covers the frequency band 330-510 MHz in four models.
- Large bandwidth with respect to both SWR and Gain.
- All metal parts in the antenna are DC-grounded.

ELECTRICAL SPECIFICATIONS

Frequency	330 - 380 MHz, 380 - 430 MHz, 420 - 470 MHz, 460 - 510 MHz (A/B/C/D)
Bandwidth	50 MHz
Antenna Type	Broadband Half Wave Dipole
Impedance	50 ohm
VSWR	A: <1.8:1, B/C/D: <1.5:1
Polarisation	Vertical
Gain	0 dBd, 2.15 dBi
Radiation Pattern	Omnidirectional (Horizontal)
Half Power Beamwidth	80°
Max. Input Power	200 W
Antistatic Protection	Direct Ground

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MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	700 mm
Wieght	700 g
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: Aluminium, Brass, Copper, POM, and Fibreglass. 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

P/N	23005-001A: 330-380 MHz (Individually packing in Polybag)
P/N	23005-001B: 380-430 MHz (Individually packing in Polybag)
P/N	23005-001C: 420-470 MHz (Individually packing in Polybag)
P/N	23005-001D: 460-510 MHz (Individually packing in Polybag)
P/N	23005-004A/B/C/D (Individually packing in Carton tube)

PACKAGING INFORMATION

Type	See "Part No."

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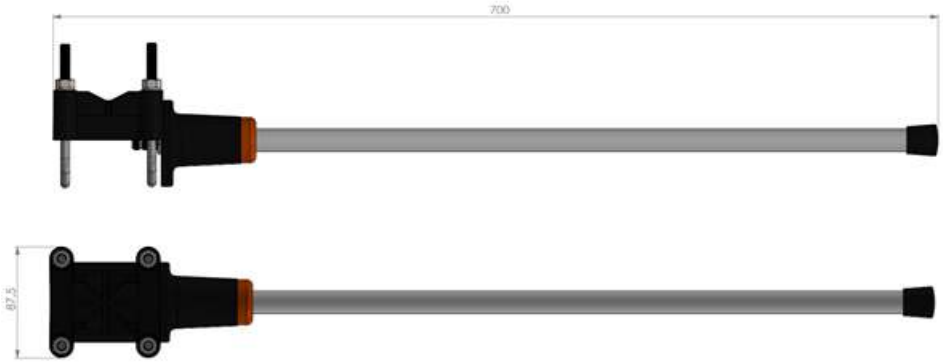

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