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

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

MECHANICAL SPECIFICATIONS

Color	White, Black and Orange
Length	700 mm
Weight	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

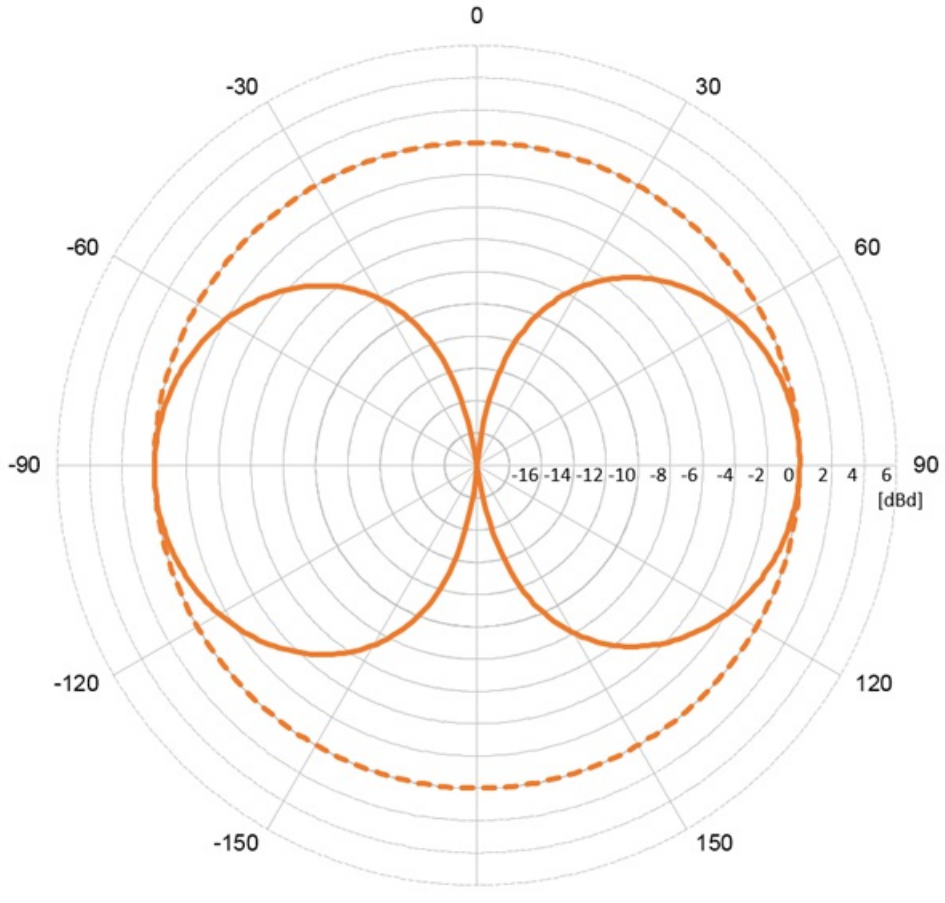
P/N	23005-001A: 330-380 MHz (Individually packing in Polybag)
P/N	23005-001B: 380-430 MHz (Individually packing in Polybag)
P/N	23005-001C: 420-470 MHz (Individually packing in Polybag)
P/N	23005-001D: 460-510 MHz (Individually packing in Polybag)
P/N	23005-004A/B/C/D (Individually packing in Carton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

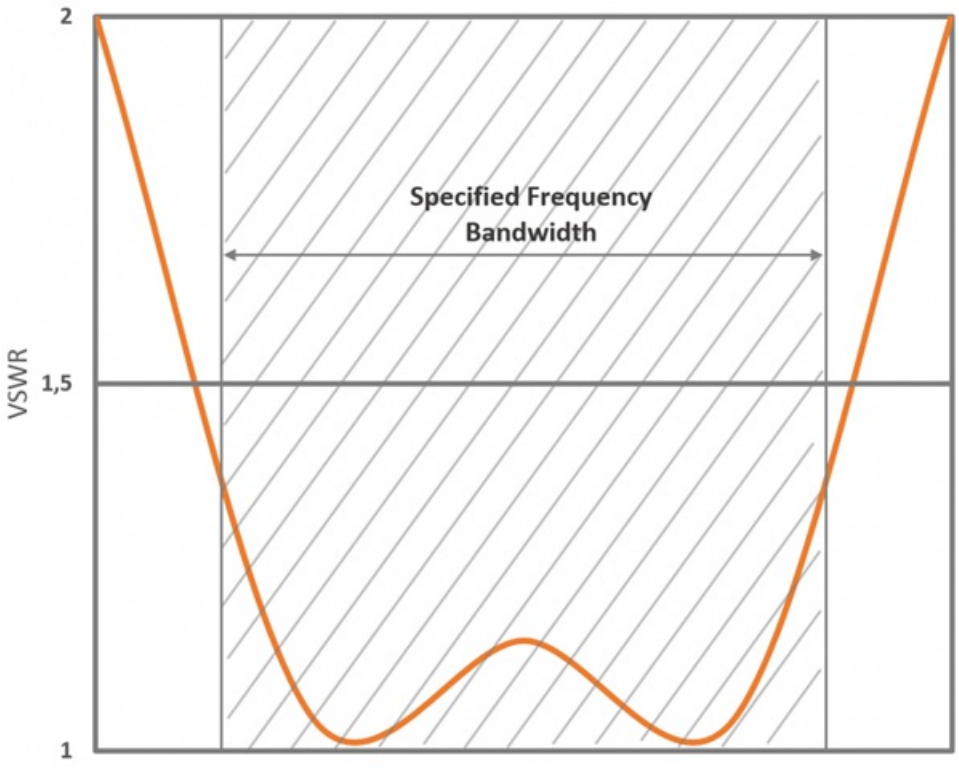
PACKAGING INFORMATION

Type	See "Part No."

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.





Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.