

UCA-AW-x

Wall Mounted Antenna

Data Sheet

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INTRODUCTION

Wall mounted GSM/GPRS/3G/4G antenna with cable and mounting bracket for installation on walls and other vertical surfaces. Fully integrated cable ensures 100% water proof construction.

260mm high antenna rod made in plastic/polyamide and corrosion protected metal bracket.

ORDERING CODE

Type	Description
UCA-AW-5	Wall mounted antenna /w 5m cable.
UCA-AW-10	Wall mounted antenna /w 10m cable

TECHNICAL DATA

Frequency range: 800-960 and 1710-2170MHz.

VSWR: 2.0:1 typical.

Impedance: 50 Ohm

Gain (typical): 2,5dB

Max. power: 50 watts.

Dimensions: 260mm (h).

Weight: < 100 gram

Cable: 5m or 10m RG58 U.

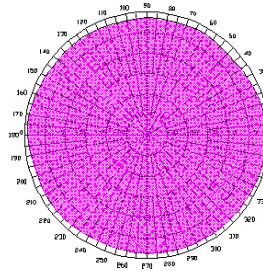
Connector: SMA male (straight)

Ambient temperature:

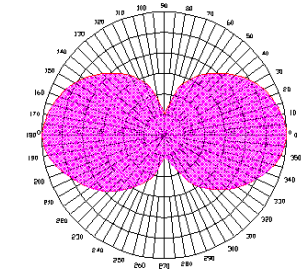
Storage: -40 - +90°C

Operation: -20 - +75°C

E-plane



H-plane



INSTALLATION

Mounting in hole for M12. Max. plate thickness allowed is 5mm.

Due to inner substance, it is possible to mount the antenna on metallic and non-metallic surfaces.

Generally, installation is possible on all plane surfaces.

When used for GPS/3G/4G data it is essential for good field strength that you mount the antenna placed high and with free space around the antenna.

To guarantee the tightness in mounted condition pay attention to the following:

1. Choose only plain surfaces for installation.
2. Clean mounting surface from any form of dirt
3. Tighten the nut a bit more than sturdy.
4. Avoid direct irradiation with steam jet or high pressure cleaner.