

B00024-01

Heavy duty antennas

# CELLULAR ANH SERIES



The range and performance of a RF link is critically dependent upon the antenna and it is one of the more complex aspects of on RF design.

An antenna can make or break a wireless network. The proper antenna can optimize the range, reliability and performance of a radio network.

## FEATURES

- ✓ **ANH HEAVY DUTY SERIES**  
Rugged construction allows the use of our antennas in hostile environments where weather and abuse are a factor
- ✓ **MULTIBAND CELLULAR ANTENNA**  
Suitable for use in GSM, 3G (UMTS) and 4G-LTE Bands application
- ✓ **N TYPE CONNECTOR**  
Available for vertical or 90° mounting

## NOMENCLATURE

<b>ANH</b>	<b>C</b>	<b>2</b>	<b>-</b>	<b>C</b>	<b>N</b>	<b>S</b>	<b>S</b>
	<b>a</b>			<b>b</b>		<b>c</b>	

### a Frequency

C GSM, 3G (UMTS), 4G-LTE

### b Antenna connection

3 N Female  
C N Male

### c Antenna mounting

S Straight (vertical)  
R Elbow (90°)

## DIMENSIONAL DRAWINGS

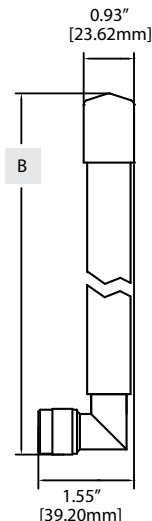
Models

ANHC2-CNSS



Models

ANHC2-CNRS



Model

ANHC2-CNSS

**A** inch [mm]

13.55 [344.20]

Model

ANHC2-CNRS

**B** inch [mm]

13.95 [354.30]



SOLEXY SRL

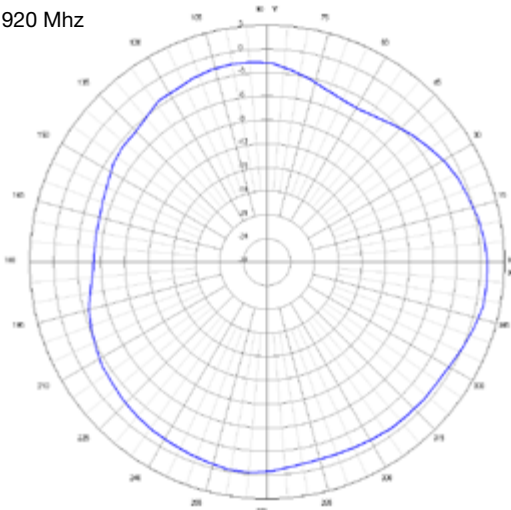
Via Enrico Fermi, 2 - 25015 Desenzano del Garda (BS) ITALY . Phone: (+39) 030 787.0.787 - Fax: (+39) 030 787.0.777 . Email: info@solexy.net - P.Iva/VAT/CF 03471700983

## SPECIFICATIONS

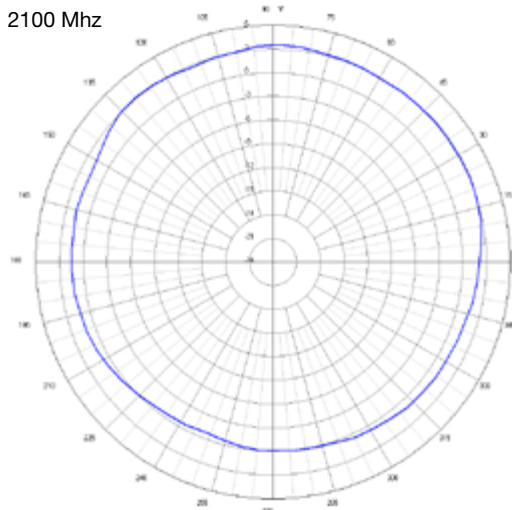
<b>Radiation</b>	Omni
<b>Polarization</b>	Vertical
<b>Wave</b>	1/2
<b>Connector</b>	N Type Brass nickel plated
<b>Material</b>	UV resistant ABS
<b>Ambient temp. range</b>	-40°C (-40°F) +80°C (+176°F)
<b>Frequency Range</b>	GSM (850/900/1800/1900) 3G (UMTS) (800-2100) 4G - LTE (Bands 1, 2, 3, 4, 7, 10, 23, 25, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 65, 66)
<b>Impedance</b>	50Ω
<b>VSWR</b>	< 4 : 1
<b>Gain max</b>	2.0 dBi

### Radiation pattern

920 Mhz



2100 Mhz



2590 Mhz

