

B00006-04

Heavy duty antennas

DIPOLE 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
- ✔ **FREQUENCY**
Available for 868 MHz, 900 MHz and 2.4 / 5 GHz
- ✔ **N MALE CONNECTOR**
Available for vertical or 90° mounting

NOMENCLATURE

ANH $\frac{5}{a}$ $\frac{2}{b}$ - $\frac{C}{b}$ $\frac{N}{c}$ $\frac{S}{c}$ **U**

a Frequency

4	868 MHz	7	2.4 GHz
5	900 MHz	9	2.4 - 5 GHz

b Antenna connection

3	N Female
C	N Male

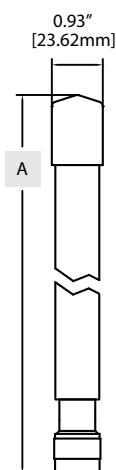
c Antenna mounting

S	Straight (vertical)
R	Elbow (90°)

DIMENSIONAL DRAWINGS

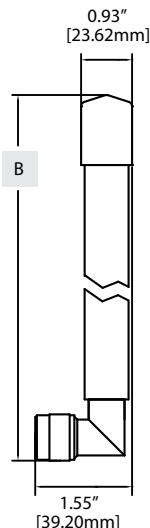
Models

ANH42-CNSU
ANH52-CNSU
ANH72-CNSU
ANH92-CNSS



Models

ANH42-CNRU
ANH52-CNRU
ANH72-CNRU
ANH92-CNRS



Model	A	inch [mm]
ANH42-CNSU	9.05	[230]
ANH52-CNSU	9.05	[230]
ANH72-CNSU	4.92	[125]
ANH92-CNSS	9.05	[230]

Model	B	inch [mm]
ANH42-CNRU	9.44	[240]
ANH52-CNRU	9.44	[240]
ANH72-CNRU	5.31	[135]
ANH92-CNRS	9.44	[240]



SOLEXY SRL

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SPECIFICATIONS

Radiation	Omni
Polarization	Vertical
Wave	1/2
Connector	N Male Brass nickel plated
Material	UV resistant ABS
Ambient temp. range	-40°C (-40°F) +80°C (+176°F)

	ANH 42	ANH 52	ANH 72	ANH 92
Frequency Range	855 - 883 MHz	890 - 935 MHz	2.35 - 2.55 GHz	2.4 - 2.485 GHz 5.15 - 5.875 GHz
Impedance (nominal)	50Ω @ 868 MHz	50Ω @ 915 MHz	50Ω @ 2.45 GHz	50Ω @ 2.4 GHz 50Ω @ 5.6 GHz
VSWR (average)	1.14 : 1	1.14 : 1	1.13 : 1	1.7 : 1 @ 2.4 GHz 2 : 1 @ 5 GHz
Gain max	2.00 dBi	2.00 dBi	2.00 dBi	4.7 dBi @ 2.4 GHz 3.4 dBi @ 5 GHz

