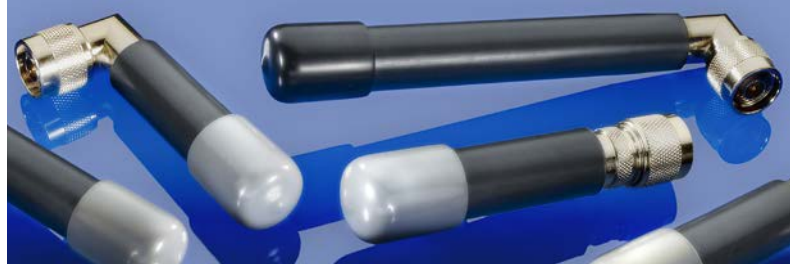


# HEAVY DUTY ANTENNA DIPOLE ANH SERIES

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

- Hybrid™ technology** Embedded Hybrid™ circuitry allows for maximum performance and unmatched durability
- 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 GHz
- N Male connector** Available for vertical or 90° mounting

## SPECIFICATIONS

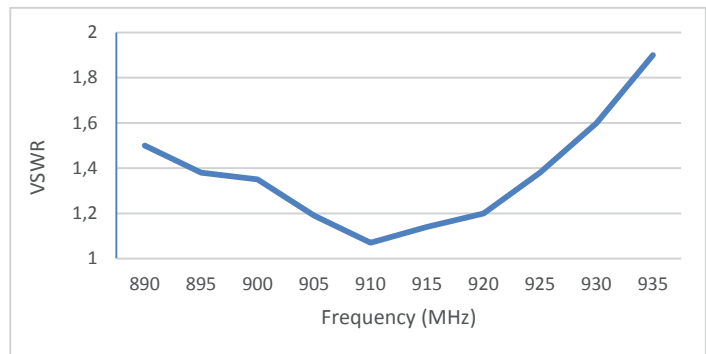
<b>Radiation</b>	Omni
<b>Polarization</b>	Vertical
<b>Wave</b>	1/2 (dipole)
<b>Connector</b>	N Male Brass nickel plated
<b>Material</b>	UV resistant ABS
<b>Ambient temp. range</b>	-40°C +80°C

### ANH42

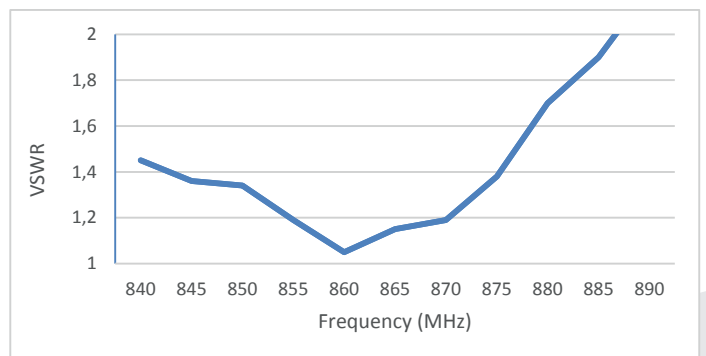
<b>Frequency Range</b>	855 - 883 MHz
<b>Impedance (nominal)</b>	50Ω @ 868 MHz
<b>VSWR (average)</b>	1.14 : 1 (Average)
<b>Gain max</b>	2.00 dBi

### ANH52

<b>Frequency Range</b>	890 - 935 MHz
<b>Impedance (nominal)</b>	50Ω @ 915 MHz
<b>VSWR (average)</b>	1.14 : 1 (Average)
<b>Gain max</b>	2.00 dBi



ANH42



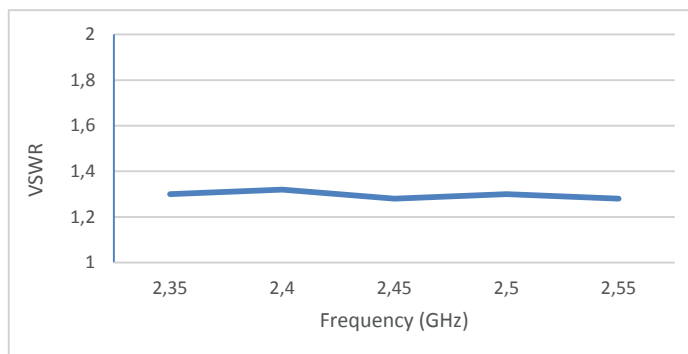
ANH52



# HEAVY DUTY ANTENNA DIPOLE ANH SERIES

## ANH72

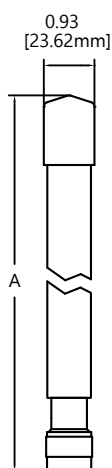
<b>Frequency Range</b>	2.35 - 2.55 GHz
<b>Impedance (nominal)</b>	50Ω @ 2.45 GHz
<b>VSWR (average)</b>	1.13 : 1 (Average)
<b>Gain max</b>	2.00 dBi



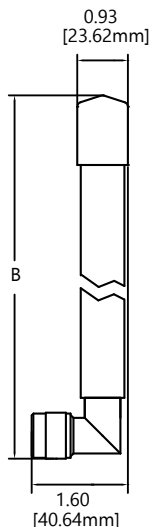
ANH72

## DIMENSIONAL DRAWING (inch)

ANH42-CNSU  
ANH52-CNSU  
ANH72-CNSU



ANH42-CNRU  
ANH52-CNRU  
ANH72-CNRU



Model	A inch [mm]
ANH42-CNSU	6.45 [158.20]
ANH52-CNSU	6.45 [158.20]
ANH72-CNSU	3.85 [97.80]

Model	B inch [mm]
ANH42-CNRU	6.24 [158.50]
ANH52-CNRU	6.24 [158.50]
ANH72-CNRU	3.75 [95.25]

## NOMENCLATURE

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

a	Frequency	4	868 MHz
		5	900 MHz
		7	2.4 GHz
b	Antenna connection	3	N Female
		C	N Male
c	Antenna mounting	S	Straight (vertical)
		R	Elbow (90°)