

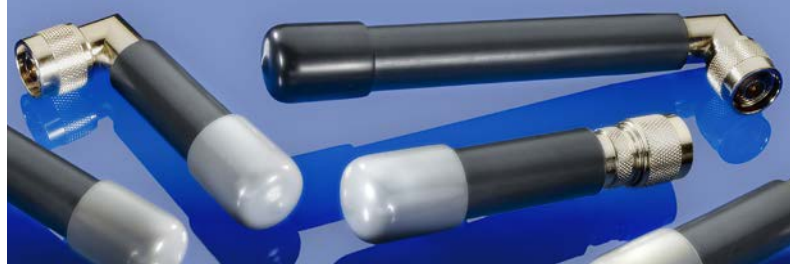


HEAVY DUTY ANTENNA J-POLE ANH SERIES

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

J-Pole technology

This highly stable, higher gain antenna goes the distance and is in a smaller package compared to other high gain antennas. With a higher gain ground plane it is less sensitive to its installed environment ensuring stable communication at longer distances

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

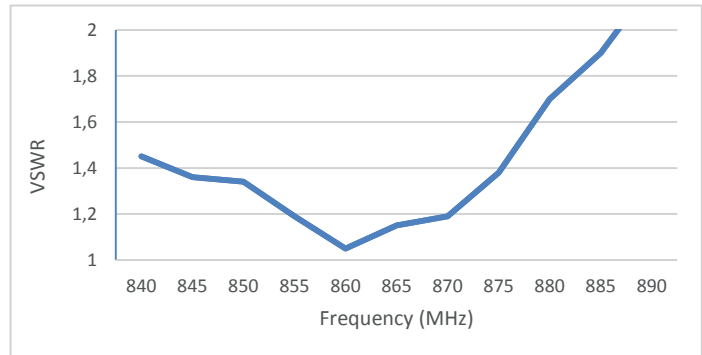
Radiation	Omni
Polarization	Vertical
Wave	J-Pole configuration
Connector	N Male Brass nickel plated
Material	UV resistant ABS
Ambient temp. range	-40°C +80°C

ANH43

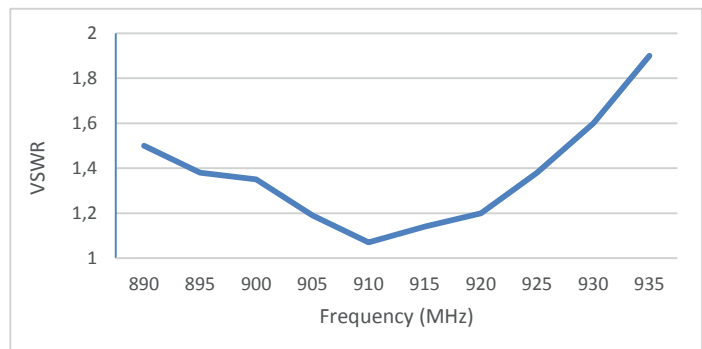
Frequency Range	855 - 883 MHz
Impedance (nominal)	50Ω @ 868 MHz
VSWR (average)	1.4 : 1 (Average)
Gain max	3.00 dBi

ANH53

Frequency Range	890 - 935 MHz
Impedance (nominal)	50Ω @ 915 MHz
VSWR (average)	1.4 : 1 (Average)
Gain max	3.00 dBi.



ANH43



ANH53

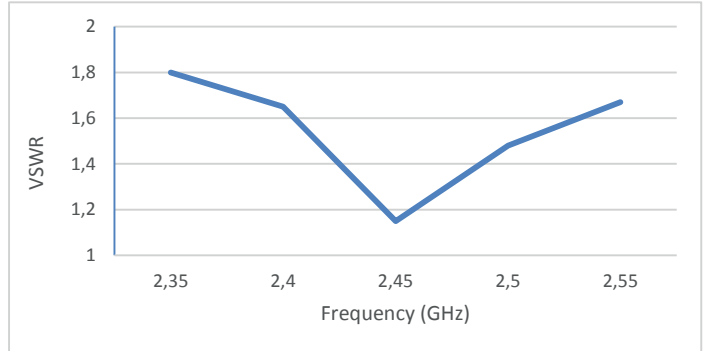




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ANH73

Frequency Range	2.35 - 2.55 GHz
Impedance (nominal)	50Ω @ 2.45 GHz
VSWR (average)	1.4 : 1 (Average)
Gain max	4.35 dBi

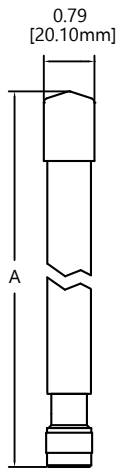


ANH73

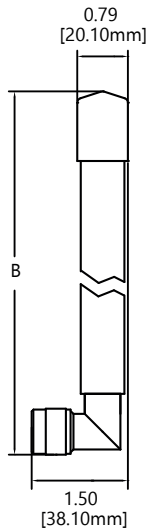


DIMENSIONAL DRAWING

ANH43-CNSU
ANH53-CNSU
ANH73-CNSU



ANH43-CNRU
ANH53-CNRU
ANH73-CNRU



Model **A**
 inch [mm]

ANH43-CNSU	13.55 [344.20]
ANH53-CNSU	13.55 [344.20]
ANH73-CNSU	6.17 [156.70]

Model **B**
 inch [mm]

ANH43-CNRU	13.95 [354.30]
ANH53-CNRU	13.95 [354.30]
ANH73-CNRU	6.57 [166.90]



NOMENCLATURE

ANH $\frac{5}{a}$ $\frac{3}{b}$ - $\frac{C}{b}$ $\frac{N}{b}$ $\frac{S}{c}$ $\frac{U}{c}$

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°)