

Heavy duty antennas

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



NOMENCLATURE

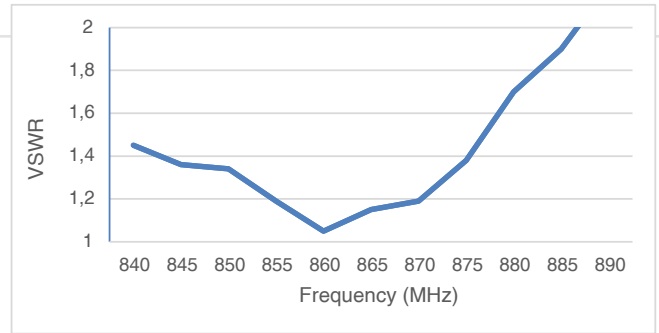
- a Frequency**
- | | |
|---|---------|
| 4 | 868 MHz |
| 5 | 900 MHz |
| 7 | 2.4 GHz |
- b Antenna connection**
- | | |
|---|----------|
| 3 | N Female |
| C | N Male |
- c Antenna mounting**
- | | |
|---|---------------------|
| S | Straight (vertical) |
| R | Elbow (90°) |

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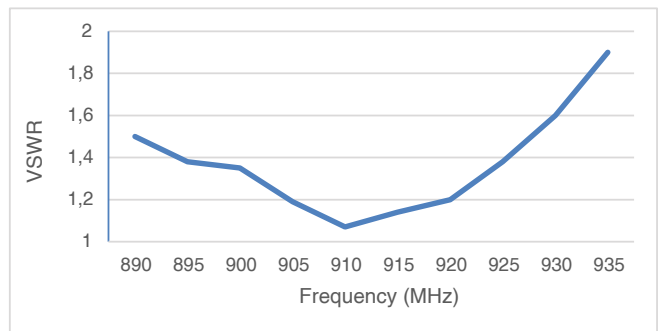
SPECIFICATIONS

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

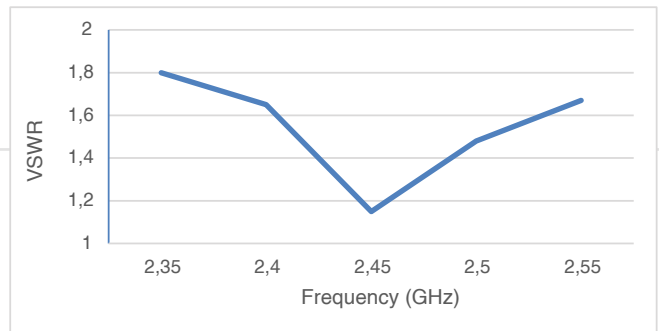
	ANH 43	ANH 53	ANH 73
Frequency Range	855 - 883 MHz	890 - 935 MHz	2.35 - 2.55 GHz
Impedance (nominal)	50Ω @ 868 MHz	50Ω @ 915 MHz	50Ω @ 2.45 GHz
VSWR (average)	1.4 : 1	1.4 : 1	1.4 : 1
Gain max	3.00 dBi	3.00 dBi	4.35 dBi



ANH43

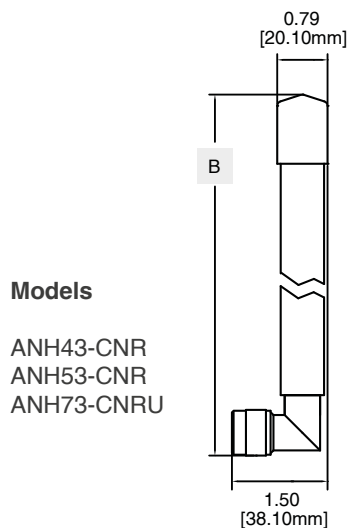
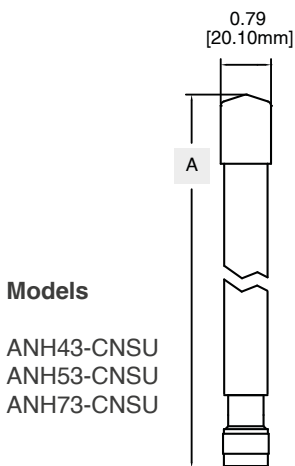


ANH53



ANH73

DIMENSIONAL DRAWINGS



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]

Data contained in this specification are subject to change without notice