

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

- ✓ **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



NOMENCLATURE

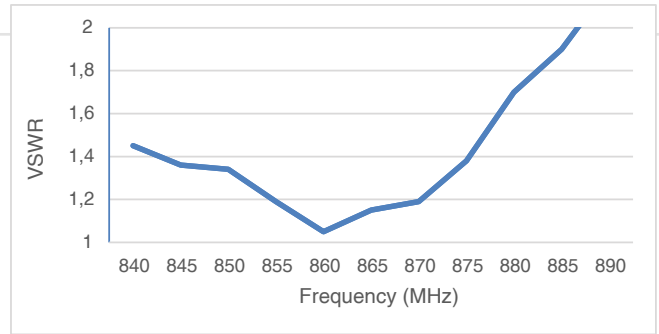
- a Frequency**
- | | |
|---|---------|
| 4 | 868 MHz |
| 5 | 900 MHz |
| 7 | 2.4 GHz |
- b Antenna connection**
- | | |
|---|----------|
| 3 | N Female |
| C | N Male |
- c Antenna mounting**
- | | |
|---|---------------------|
| S | Straight (vertical) |
| R | Elbow (90°) |

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

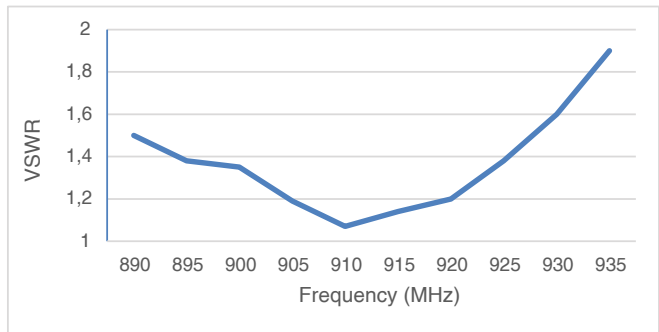
SPECIFICATIONS

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

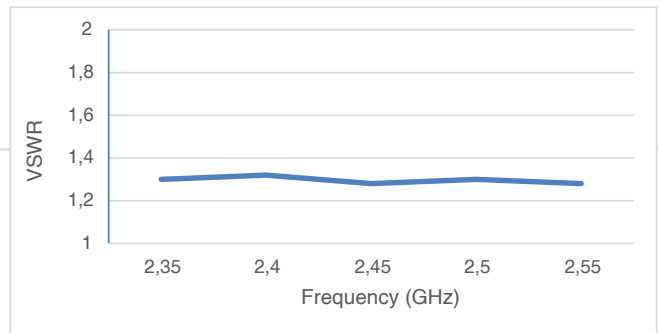
	ANH 42	ANH 52	ANH 72
Frequency Range	855 - 883 MHz	890 - 935 MHz	2.35 - 2.55 GHz
Impedance (nominal)	50Ω @ 868 MHz	50Ω @ 915 MHz	50Ω @ 2.45 GHz
VSWR (average)	1.14 : 1	1.14 : 1	1.13 : 1
Gain max	2.00 dBi	2.00 dBi	2.00 dBi



ANH42



ANH52

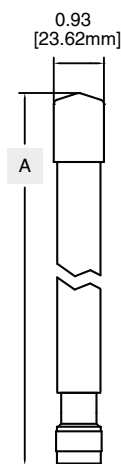


ANH72

DIMENSIONAL DRAWINGS

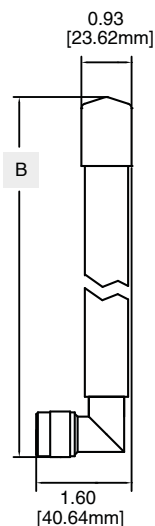
Models

ANH42-CNSU
ANH52-CNSU
ANH72-CNSU



Models

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]



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