B00008-01

Heavy duty antennas

FLEXIBLE ANF SERIES

The Solexy Highly Flexible Antenna is designed for rough environments, this along with our Heavy Duty Line of antennas meets the demands of the tough applications while being affordable yet durable.



Solexy Antennas have met the demands and are well known throughout the Oil and Gas industries.

FEATURES

- **FLEX TECHNOLOGY**
  This Highly flexible antenna was designed to meet the requirements of a high traffic environment, one hit and it bounces right back.
  It also has over a 25Kg (55 lbs.) pull strength.
  This antenna has the signal dependability of a Dipole antenna and the flexibility to bounce back from any hit.
- **ANF HEAVY DUTY SERIES**
  Rugged construction allows the use of our antennas in hostile envinronments 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

ANF	5	2	-	C	N	S	U
	a			b		c	

a Frequency

4	868 MHz
5	900 MHz
7	2.4 GHz

b Antenna connection

3	N Female
C	N Male

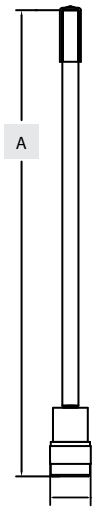
b Antenna mounting

S	Straight (vertical)
R	Elbow (90°)

DIMENSIONAL DRAWINGS

Models

ANF52-CNSU
ANF42-CNSU
ANF72-CNSU



0.79"
[20 mm]

Models

ANF52-CNRU
ANF42-CNRU
ANF72-CNRU



1.54"
[39 mm]

Model	A *inch [mm]*
ANF42-CNSU	11,18 [284]
ANF52-CNSU	11,18 [284]
ANF72-CNSU	7,08 [180]

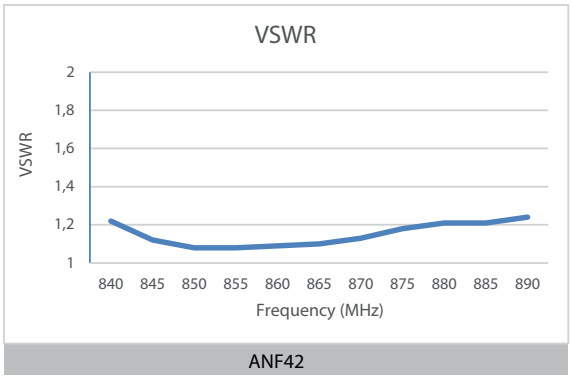
Model	B *inch [mm]*
ANF42-CNRU	11,65 [296]
ANF52-CNRU	11,65 [296]
ANF72-CNRU	7,4 [187.96]

Data contained in this specification are subject to change without notice

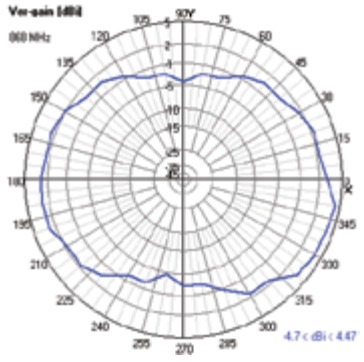
SPECIFICATIONS

Radiation	Omni
Polarization	Vertical
Wave	1/2
Connector	N Male Brass nickel plated
Antenna Tip	Soft black PVC
Adapter	Black Delrin
Material	UV resistant PUR
Ambient temp. range	-40°C (-40°F) +80°C (+176°F)

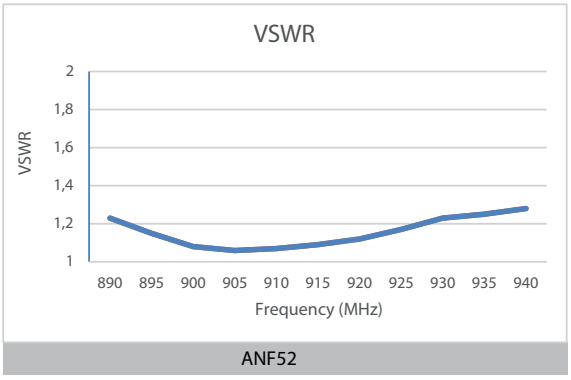
	ANF 42	ANF 52	ANF 72
Frequency range	855 - 883 MHz	902 - 928 MHz	2.35 - 2.55 GHz
Impedance (nominal)	50Ω @ 868 MHz	50Ω @ 915 MHz	50Ω @ 2.45 GHz
VSWR (average)	1.14 : 1	1.14 : 1	1.14 : 1
Gain max	2.00 dBi	2.00 dBi	2.00 dBi



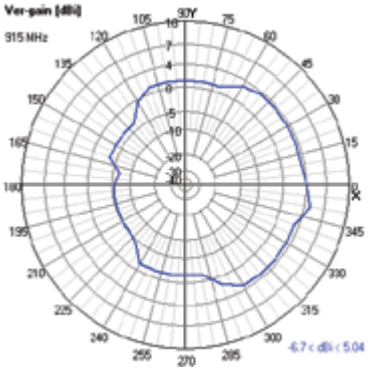
ANF42



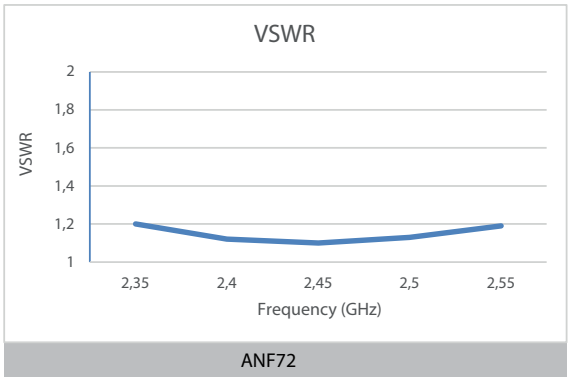
Radiation pattern



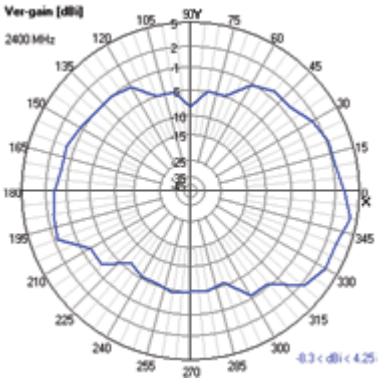
ANF52



Radiation pattern



ANF72



Radiation pattern