

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 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

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

**a Frequency**

- 4 868 MHz
- 5 900 MHz
- 7 2.4 GHz

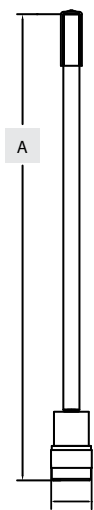
**b Antenna connection**

- 3 N Female
- C N Male

**b Antenna mounting**

- S Straight (vertical)
- R Elbow (90°)

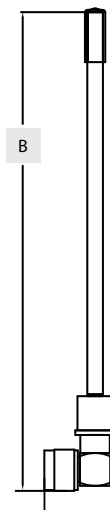
## DIMENSIONAL DRAWINGS



0.79"  
[20 mm]

**Models**

- ANF52-CNSU
- ANF42-CNSU
- ANF72-CNSU



1.54"  
[39 mm]

**Models**

- ANF52-CNRU
- ANF42-CNRU
- ANF72-CNRU

**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]



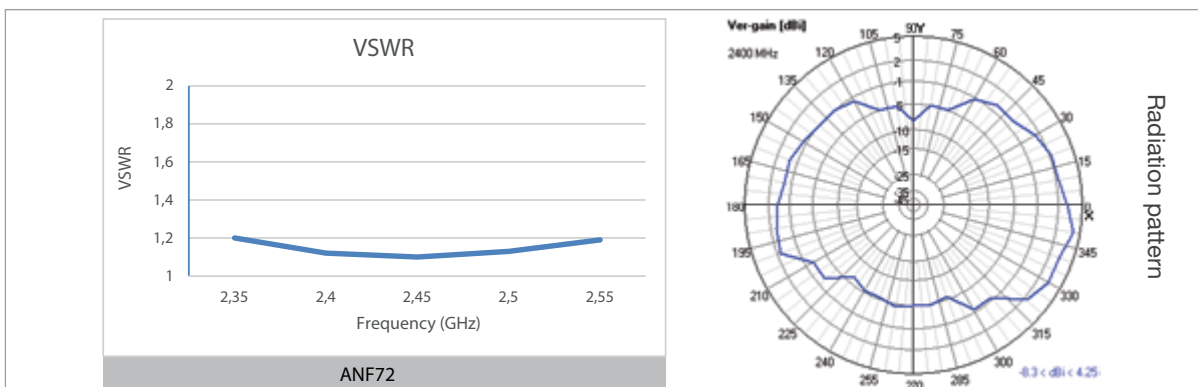
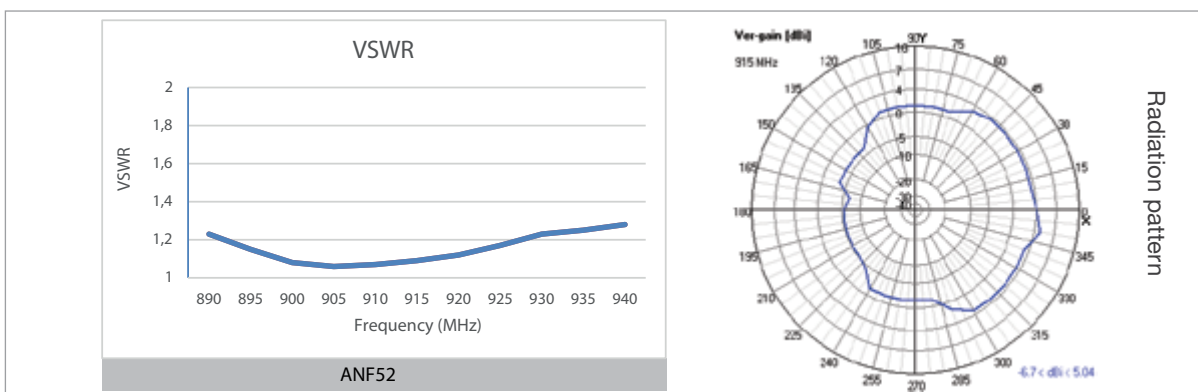
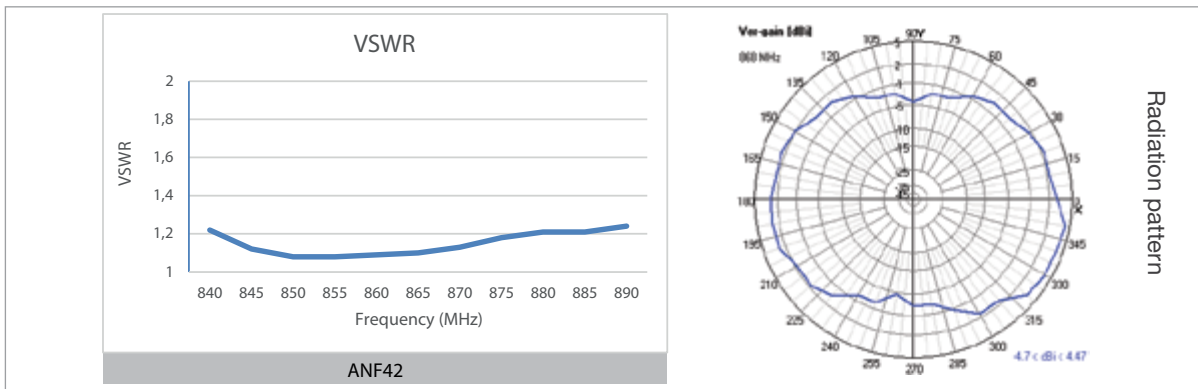
SOLEXY SRL

Via Enrico Fermi, 2 - 25015 Desenzano del Garda (BS) ITALY . Phone: (+39) 030 787.0.787 - Fax: (+39) 030 787.0.777 . Email: info@solexy.net - P.IVA/VAT/CF 03471700983

# SPECIFICATIONS

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

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



Data contained in this specification are subject to change without notice