ALLNET Antenna 868MHz 3,5dbi Antenne (N-Female) Omnidirecti

>>> Vers l'article de la boutique en ligne



EAN CODE

4 0 3 8 8 1 6 2 0 6 7 7 0

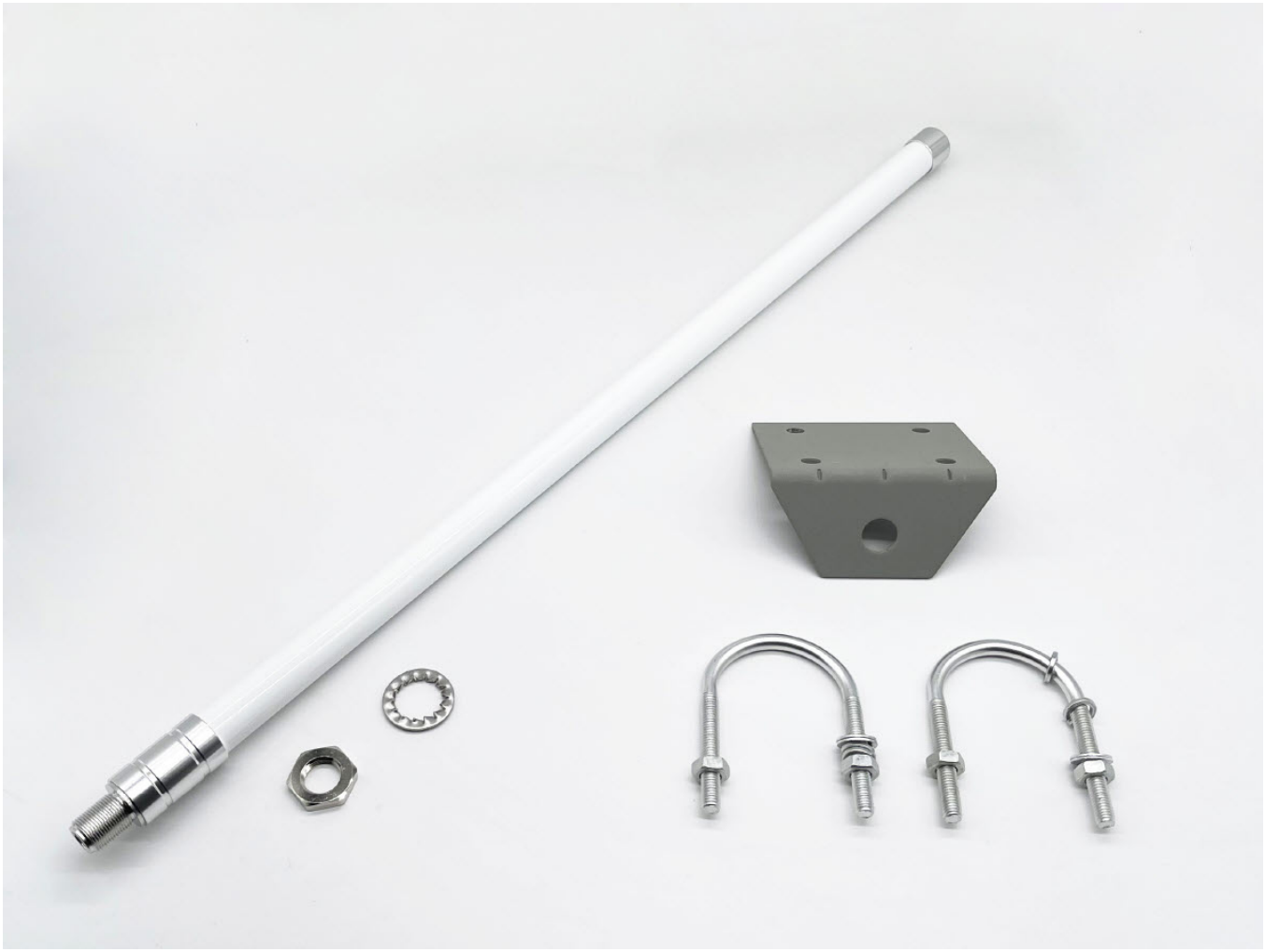
Highlight:

- 860~880MHz omnidirectional antenna
- Gain: 3.5dbi (See data sheet for more details)
- Beam angle: H360 V65
- Impedance: 50 Ohm
- VSWR: <=1.3 @868MHz, Max 1.5
- Connector: N-Type Female (suitable connection cables can be found in the accessories)
- Dimension: Length = 314mm x Diameter 20mm
- Windspeed: 180km/h
- Temperature: -45°C ~ +75°C
- Mounting: Wall mounting & Mast mounting
- Package contents: Antenna and mounting accessories
- Ideal for LoRA / Helium Network / Helium Miner / IoT terminals / 868MHz systems etc.

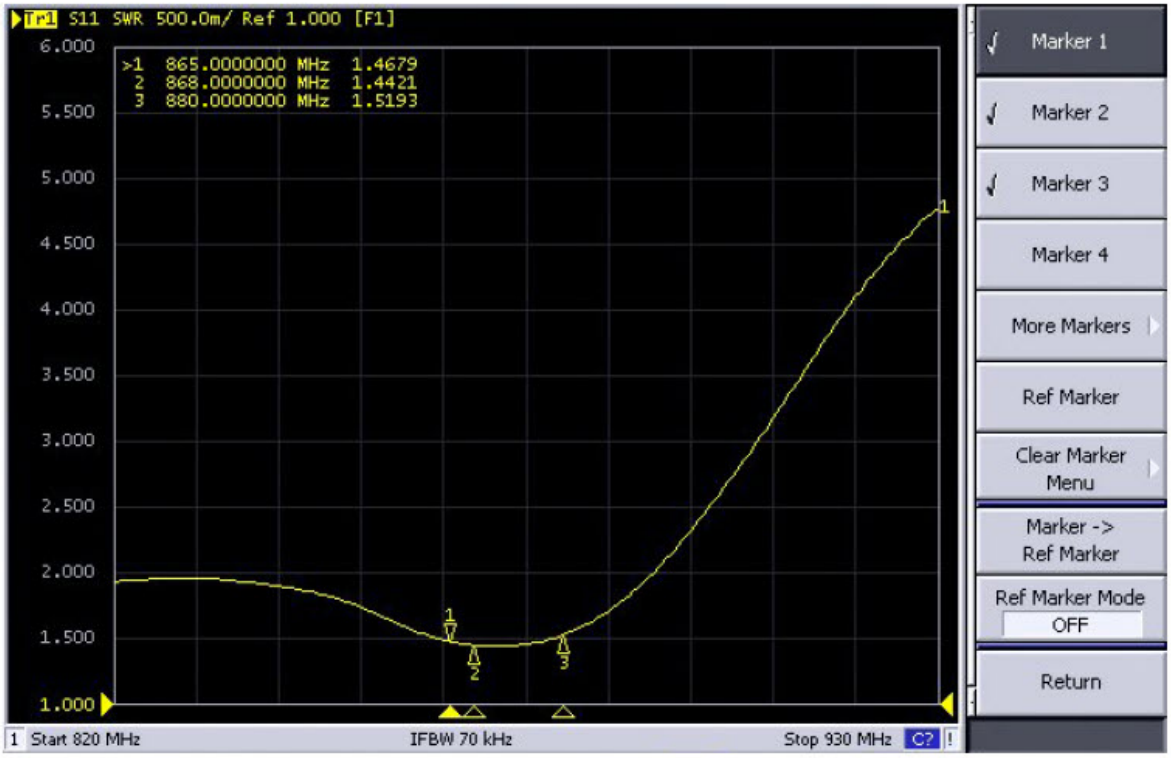
Technical Details:

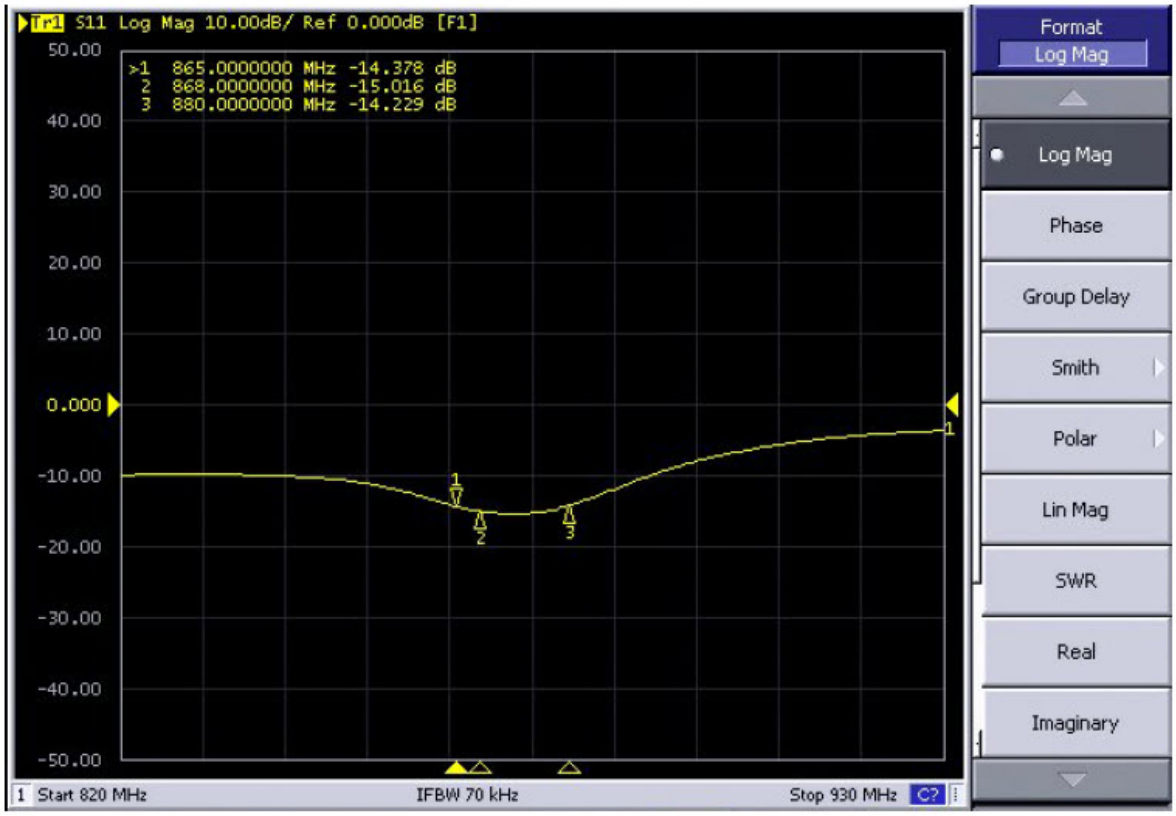
Model	**ANT-868-3dbi-OMNI**	**ANT-868-5dbi-OMNI, 2 Array**	**ANT-868-6dbi-OMNI, 3 Array**	**ANT-868-7.3dbi-OMNI, 7 Array**
Electrical Specification	Frequency : 868MHz, 860-880MHz			
Polarization	Vertical Polarized			
Max Gain	3.5dbi	5dbi	6dbi	7.3dbi
H Beamwidth	360deg / omni coverage			

E Beamwidth	65deg	32deg	26deg	20deg
VSWR	typical: <1.3 @868MHz, Max 1.5			
Nominal Impedance	50 ohm			
Max Power	50watts			
Mechanical Specification				
Connector	N-Female, Long Neck			
Radome	Fiberglass, Dia 20mm			
Color	White/Grey			
Total Length with Connector	314mm	600mm	800mm	1000mm
Weight incl Mount Kit	0.55kg	0.65kg	0.7kg	0.8kg
Working Temperature Range	-45°C to +75°C			
Max winload	180km/h			
Storage Temperature	-50°C to +75°C			

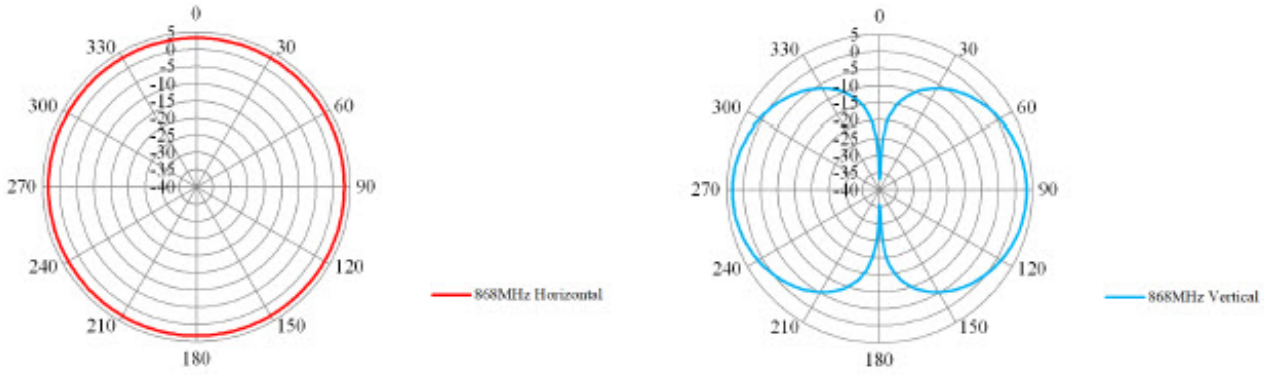


Antenna Test Data:

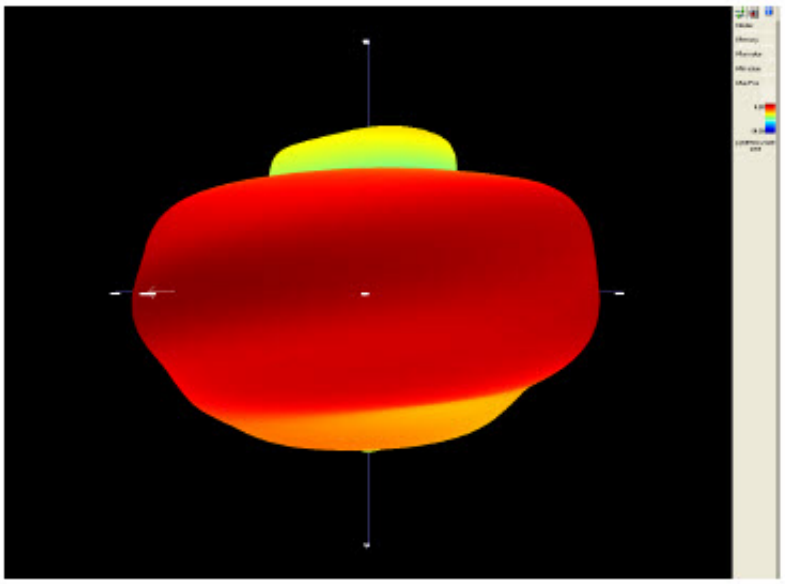

Tr1 S11 SWR 500.0m/ Ref 1.000 [F1]
>1 865.0000000 MHz 1.4679
2 868.0000000 MHz 1.4421
3 880.0000000 MHz 1.5193
6.000
5.500
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
1 Start 820 MHz
IFBW 70 kHz
Stop 930 MHz
Marker 1
Marker 2
Marker 3
Marker 4
More Markers
Ref Marker
Clear Marker Menu
Marker -> Ref Marker
Ref Marker Mode
OFF
Return


Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]
>1 865.0000000 MHz -14.378 dB
2 868.0000000 MHz -15.016 dB
3 880.0000000 MHz -14.229 dB
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 Start 820 MHz
IFBW 70 kHz
Stop 930 MHz
Format
Log Mag
Log Mag
Phase
Group Delay
Smith
Polar
Lin Mag
SWR
Real
Imaginary

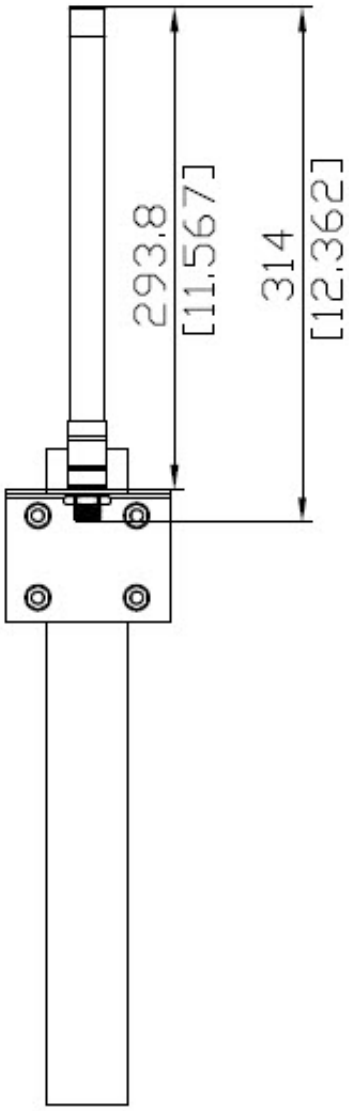
2D Radio Pattern:



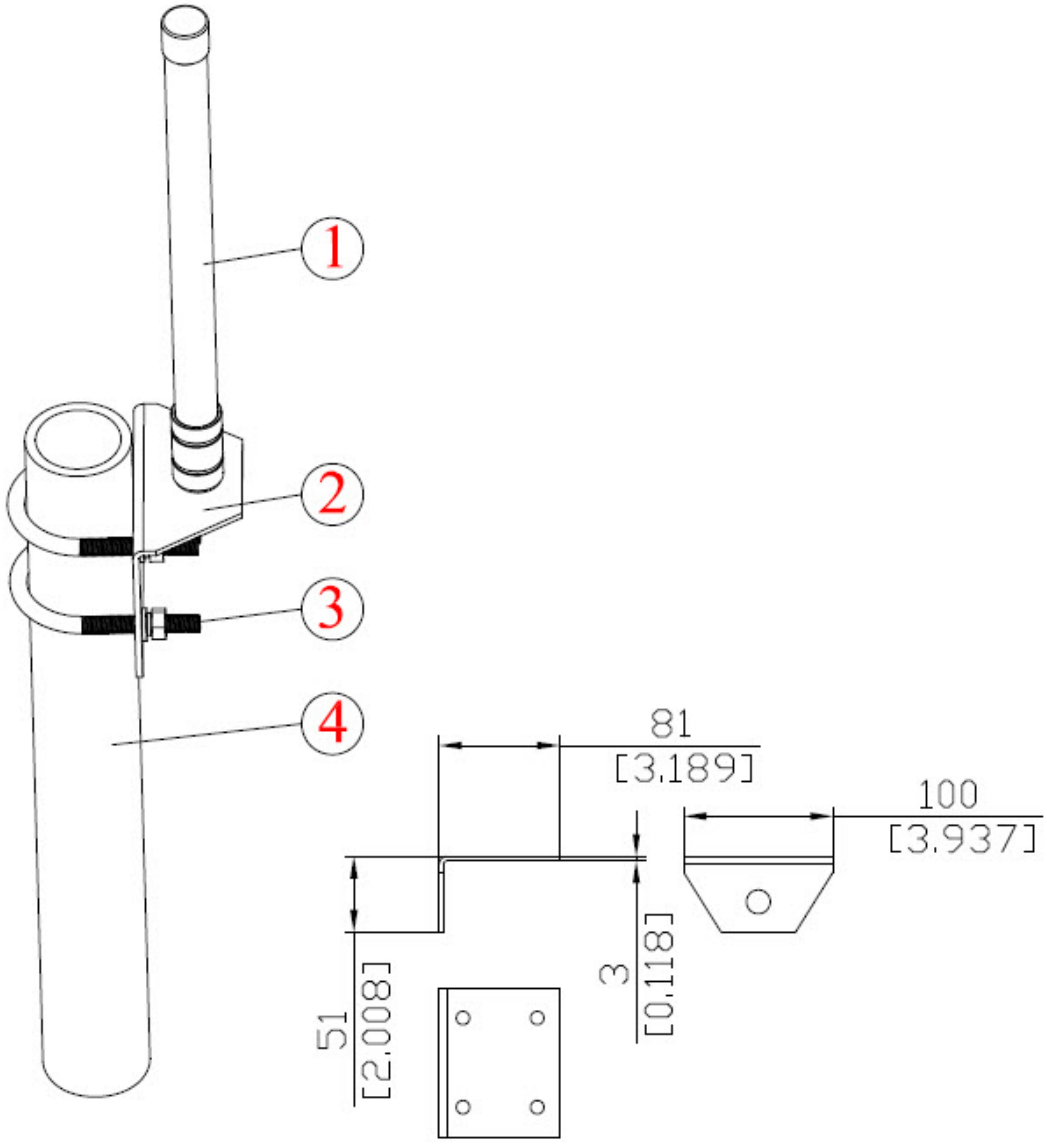
3D Radio Pattern:



Mechanical Dimmension:

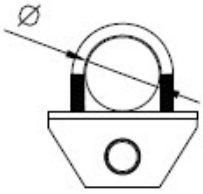


Installation:



Pole Installation

1. ANTENNA
2. L-shape Mount Kit
3. U Bolts
5. POLE



1. Mount kits for Pole Dia: ø30-ø50

Accessoires

No. d'article	Désignation
177056	ALLNET Antennen-Kabel LMR-195 R-SMA(m) <> N-Type(m) 1000 cm
88874	ALLNET Antennenkabel LMR-195 R-SMA - N-Type 1,5 Meter
88875	ALLNET Antennenkabel LMR-195 R-SMA - N-Type 3,0 Meter
88876	ALLNET Antennenkabel LMR-195 R-SMA - N-Type 5,0 Meter
88877	ALLNET Antennenkabel LMR-195 R-SMA - N-Type 7,0 Meter
90403	ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 150 cm
90404	ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 300 cm
90405	ALLNET Antennen-Kabel LMR-195 N-Type(m) <> N-Type(m) 500 cm
93748	ALLNET Antennen-Kabel N-Type Stecker/Stecker, RG-8, 1m,
93749	ALLNET Antennen-Kabel N-Type Stecker/Stecker, RG-8, 2m,
93750	ALLNET Antennen-Kabel N-Type Stecker/Stecker, RG-8, 3m,
93751	ALLNET Antennen-Kabel N-Type Stecker/Stecker, RG-8, 5m,
93752	ALLNET Antennen-Kabel N-Type Stecker/Stecker, RG-8, 7m,

ALLNET GmbH - Maistraße 2 - 82110 Germering - sales@allnet.de - 089 / 894 222 22

Sous réserve d'erreurs et d'omissions.