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

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EAN CODE

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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.

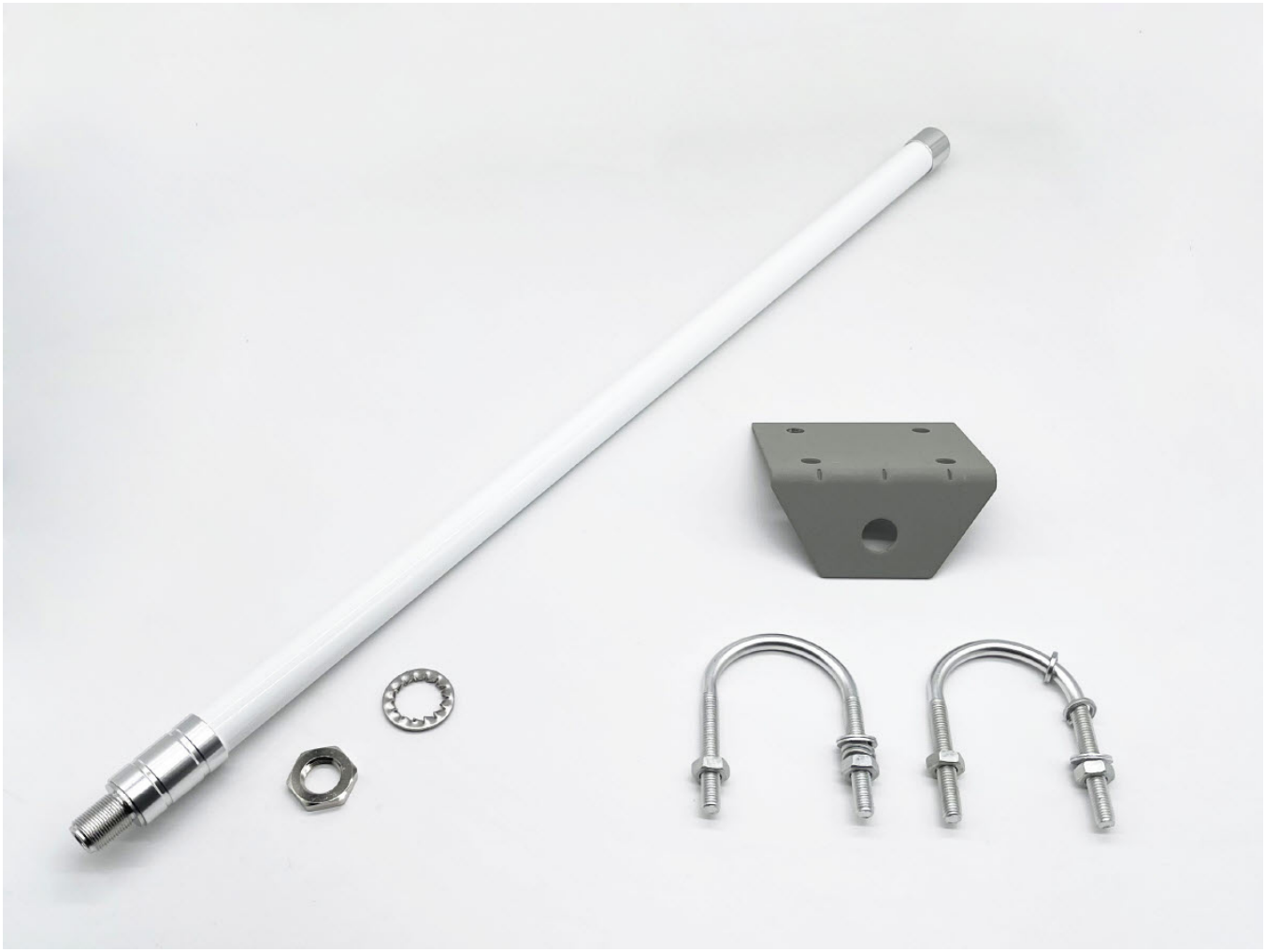
Technical Details:

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			

Errors and technical changes that serve the interests of progress or development of the product, are reserved.

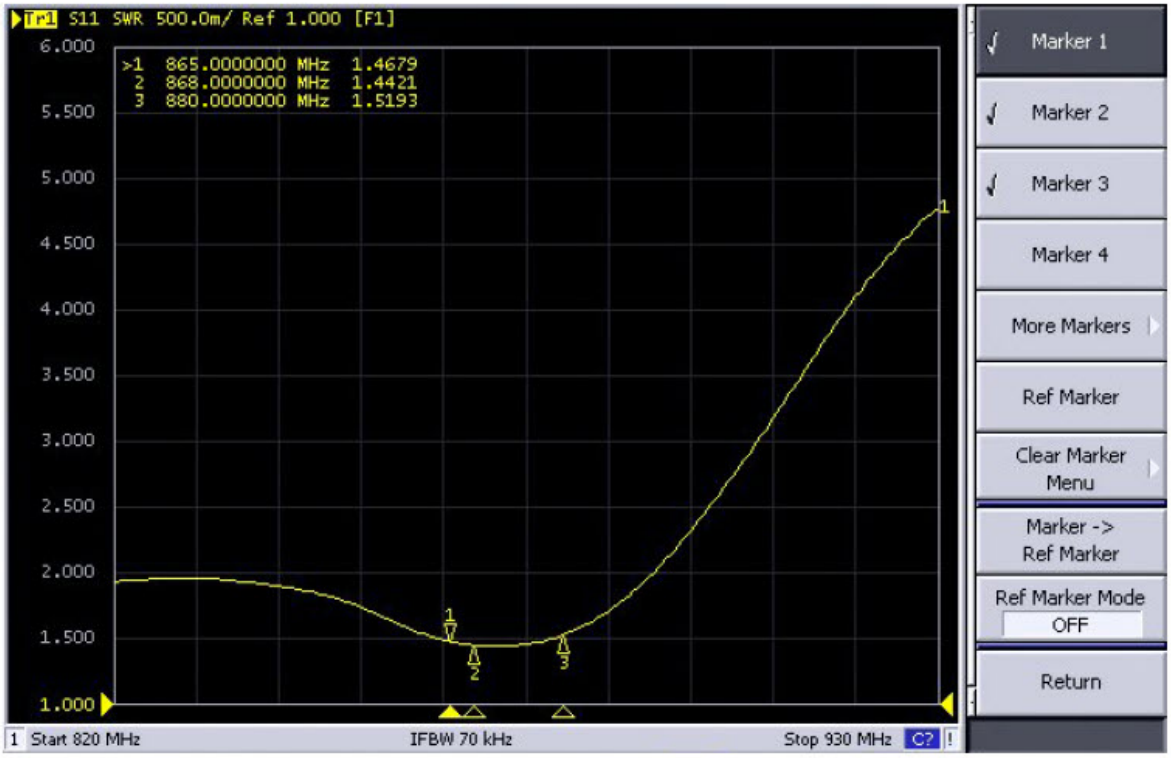
E Beamwidth	65deg	32deg	26deg	20deg
VSWR	typical: <1.3 @868MHz, Max 1.5			
Nominal Impedance	50 ohm			
Max Power	50watts			
Mechanical Specification				
Connector	N-Female, Long Neck			
Radome	Fiberglass, Dia 20mm			
Color	White/Grey			
Total Length with Connector	314mm	600mm	800mm	1000mm
Weight incl 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			

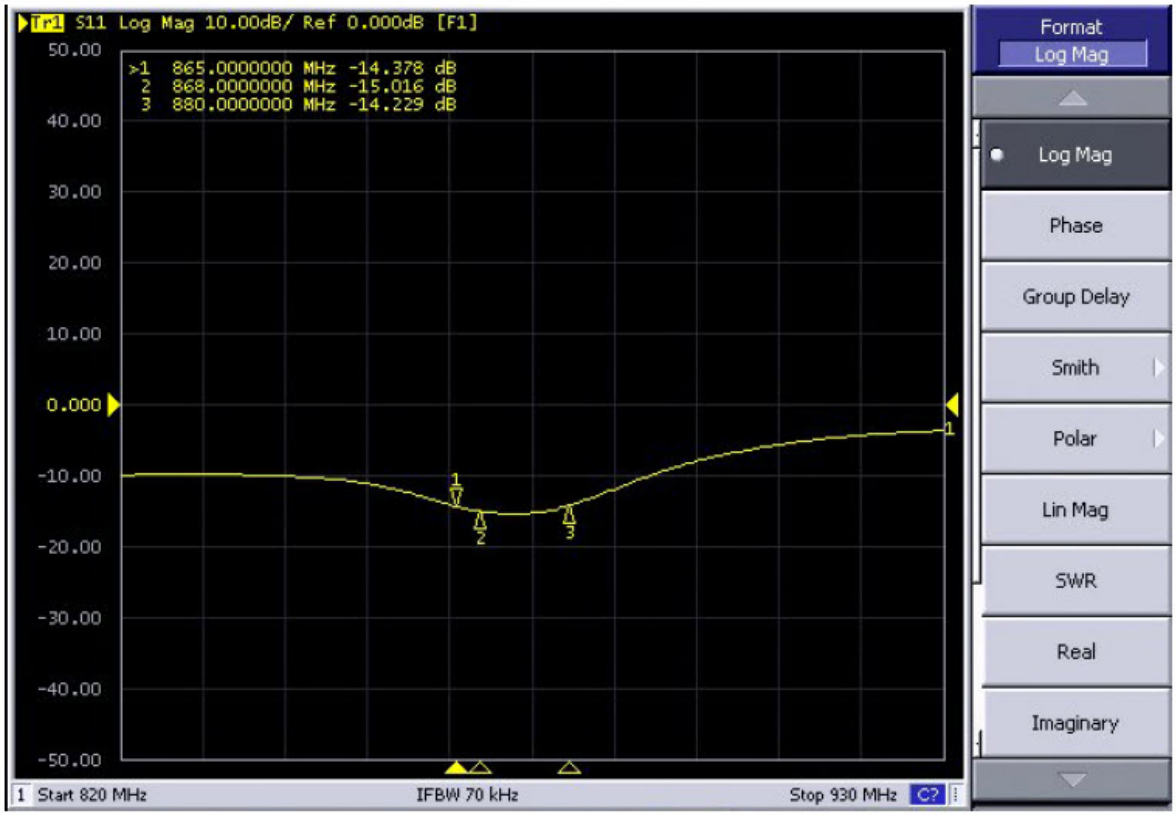
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Antenna Test Data:

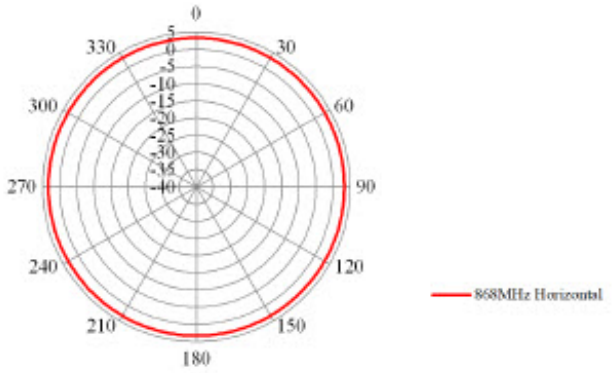
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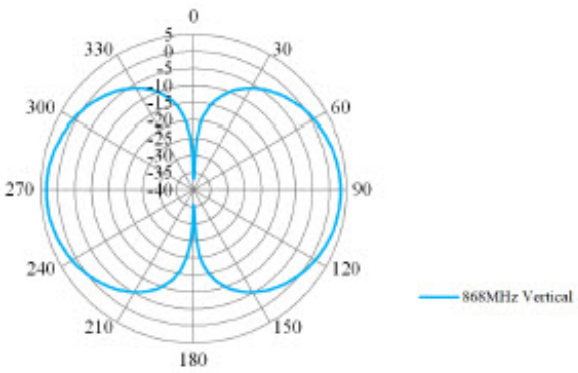




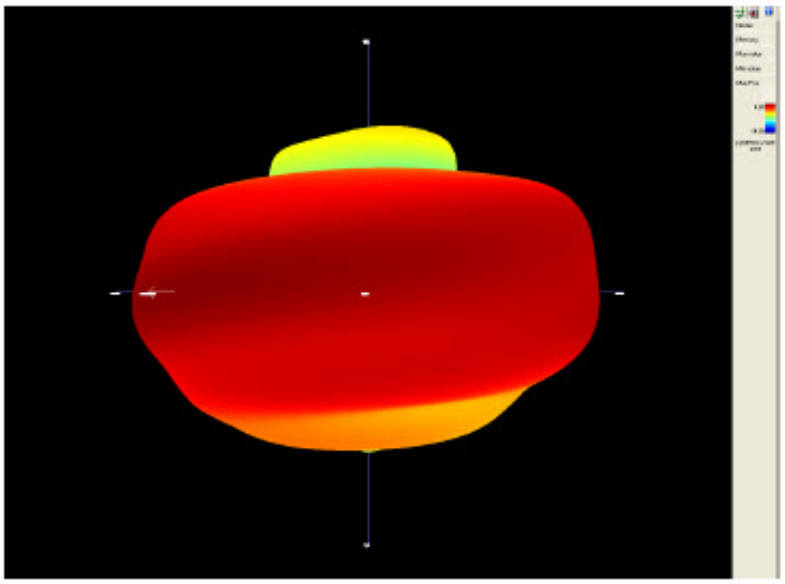
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2D Radio Pattern:



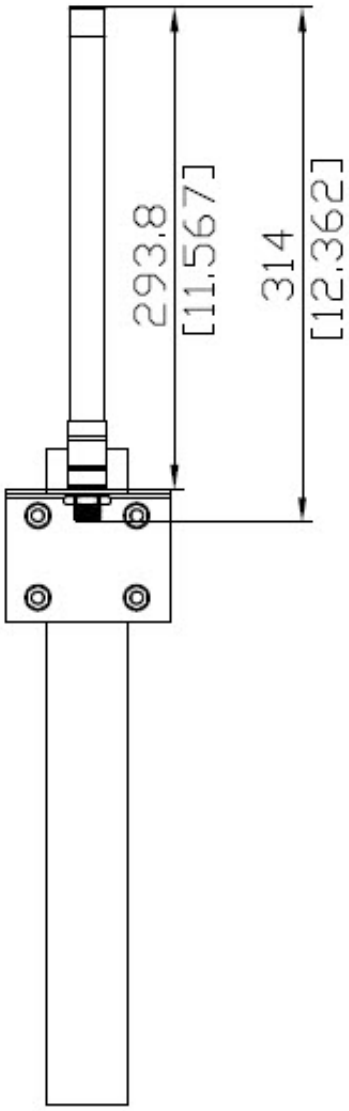


3D Radio Pattern:



Mechanical Dimmension:

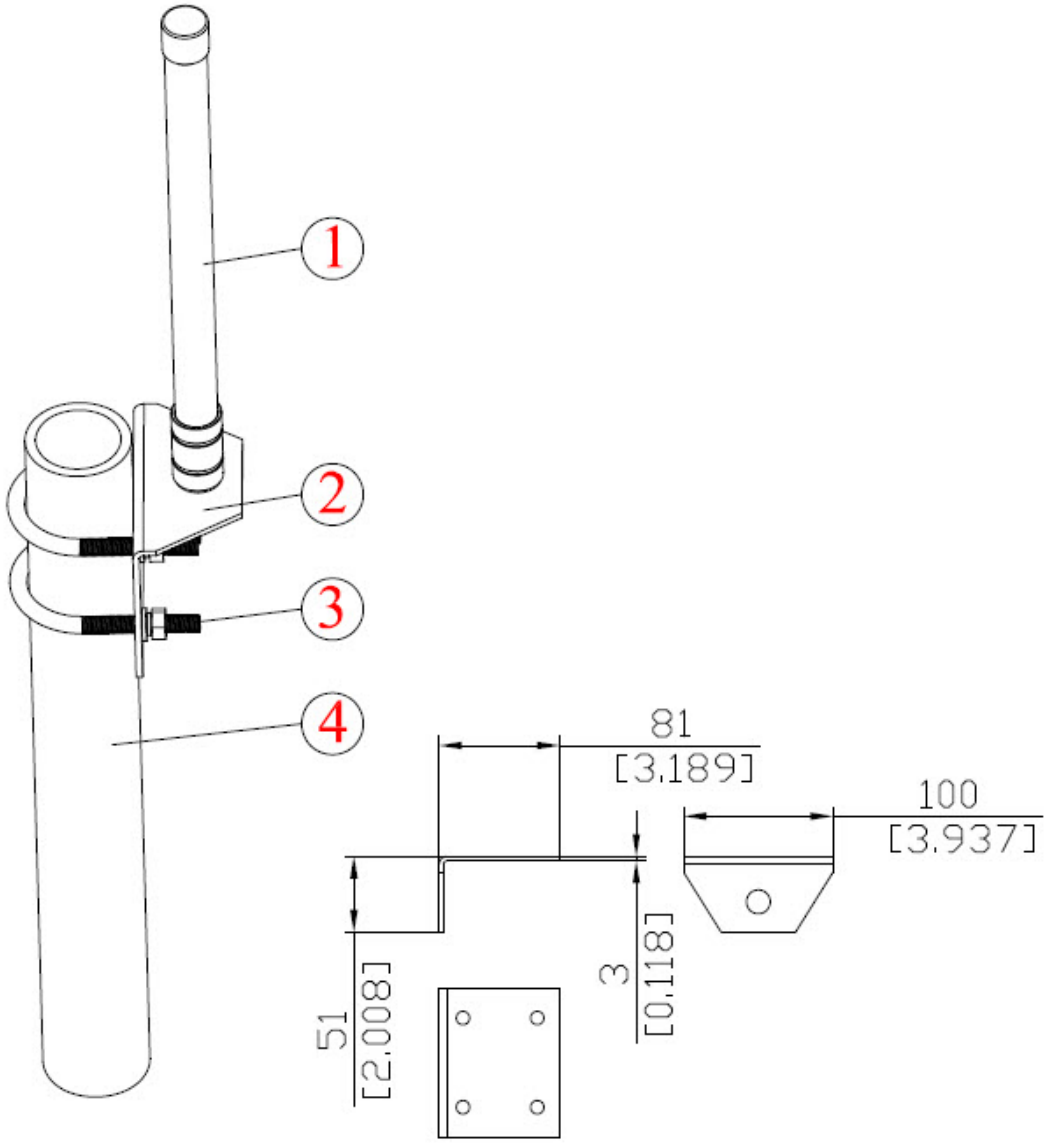
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Installation:

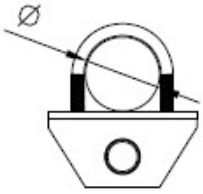
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Pole Installation

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



1. Mount kits for Pole Dia: ø30-ø50

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Accessories

Part No.	Name
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 Antenna Cable / N-Type male/male, RG-8, 1m
93749	ALLNET Antenna Cable / N-Type male/male, RG-8, 2m
93750	ALLNET Antenna Cable / N-Type male/male, RG-8, 3m
93751	ALLNET Antenna Cable / N-Type male/male, RG-8, 7m
93752	ALLNET Antenna Cable / N-Type male/male, RG-8, 7m

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