



No. d'article: 206771  
Numéro de fabricant: ANT-868-3dbi-OMNI

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

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



### EAN CODE



### Highlight:

- 860~880MHz omnidirectional antenna
- Gain: 3.5dbi (See data sheet for more details)
- Beam angle: H360 V65
- Impedance: 50 Ohm
- VSWR:  $\leq 1.3$  @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:  $-45^{\circ}\text{C} \sim +75^{\circ}\text{C}$
- 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         |                            |                            |                              |

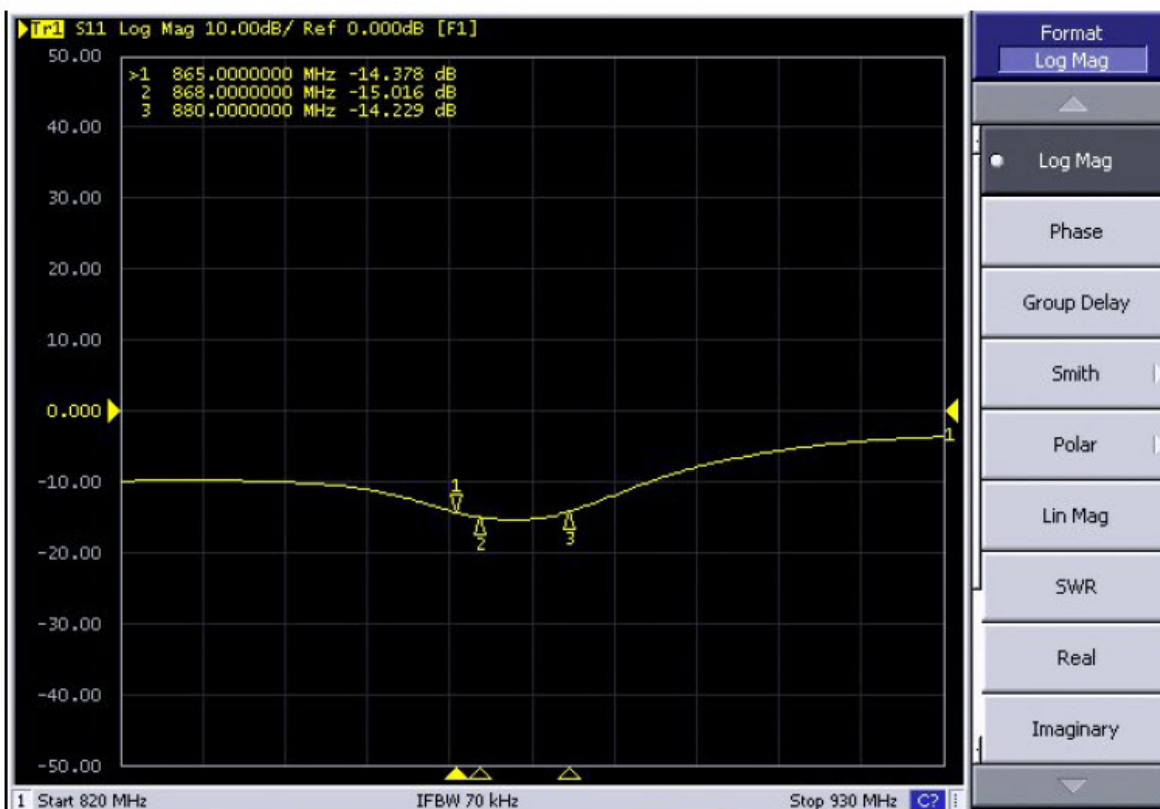
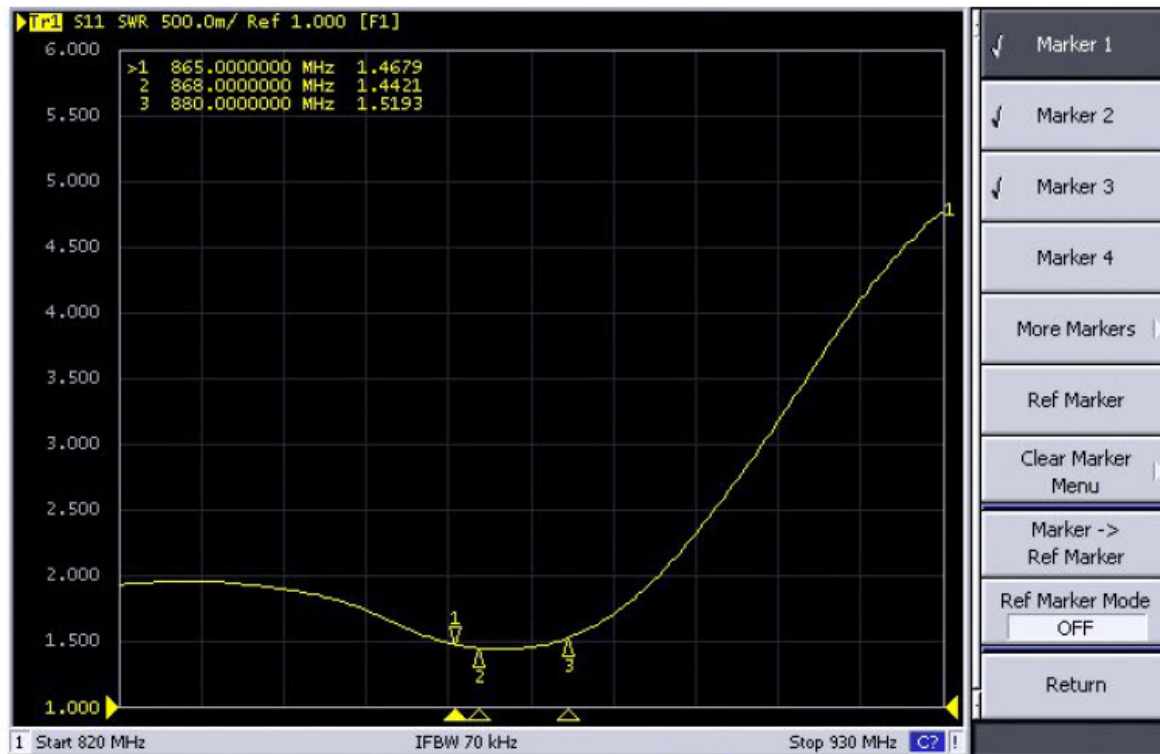


No. d'article: 206771  
Numéro de fabricant: ANT-868-3dbi-OMNI

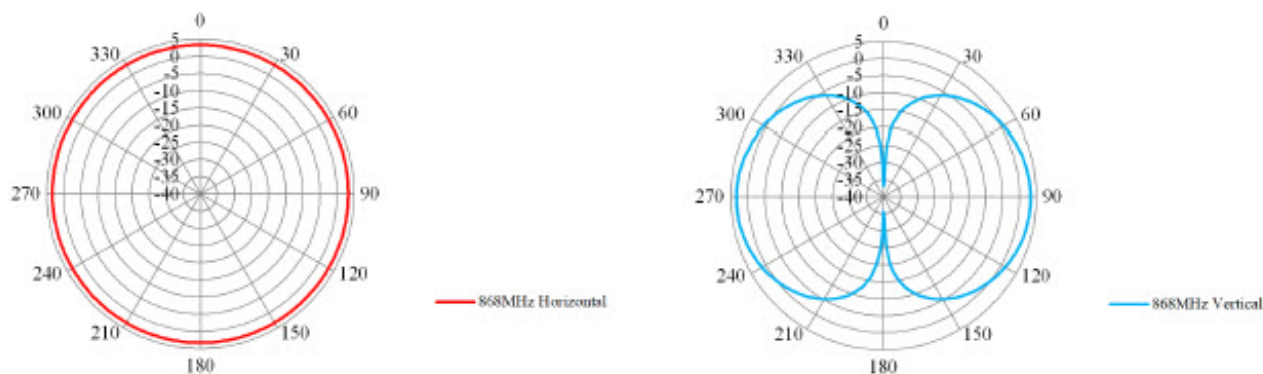
|                                 |                                |        |       |        |
|---------------------------------|--------------------------------|--------|-------|--------|
| E Beamwidth                     | 65deg                          | 32deg  | 26deg | 20deg  |
| VSWR                            | typical: <1.3 @868MHz, Max 1.5 |        |       |        |
| Nominal Impedance               | 50 ohm                         |        |       |        |
| Max Power                       | 50watts                        |        |       |        |
| <b>Mechanical Specification</b> |                                |        |       |        |
| 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                 |        |       |        |



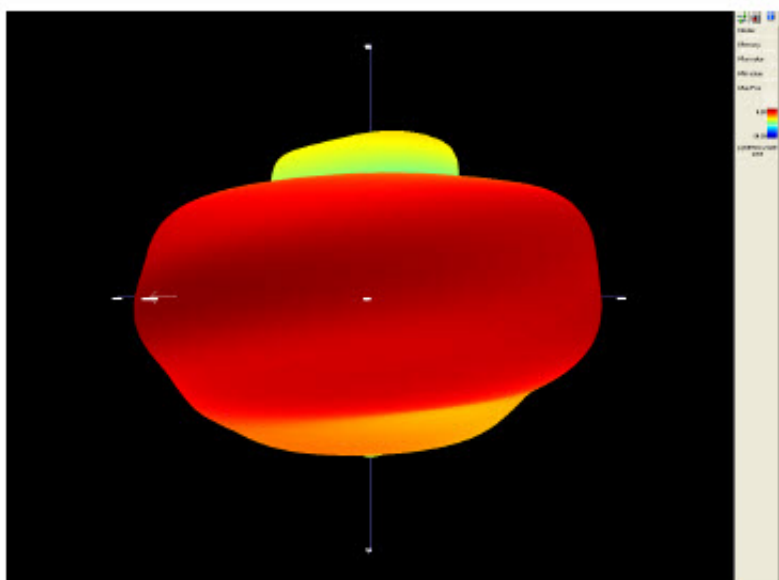
**Antenna Test Data:**



## 2D Radio Pattern:



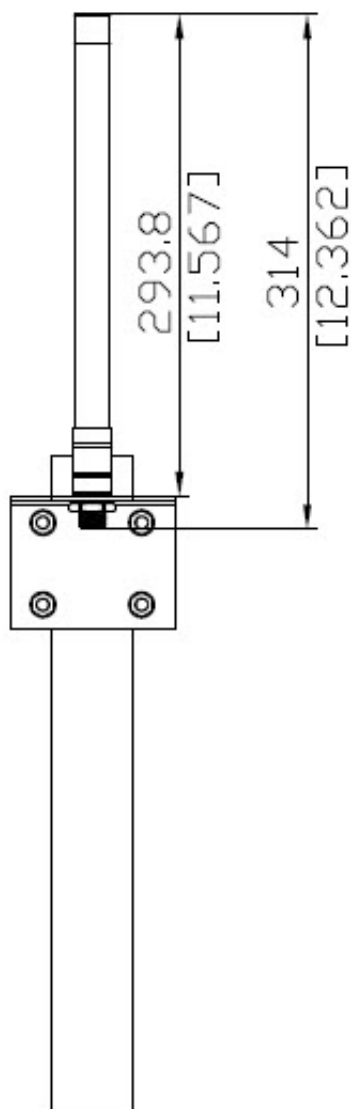
## 3D Radio Pattern:



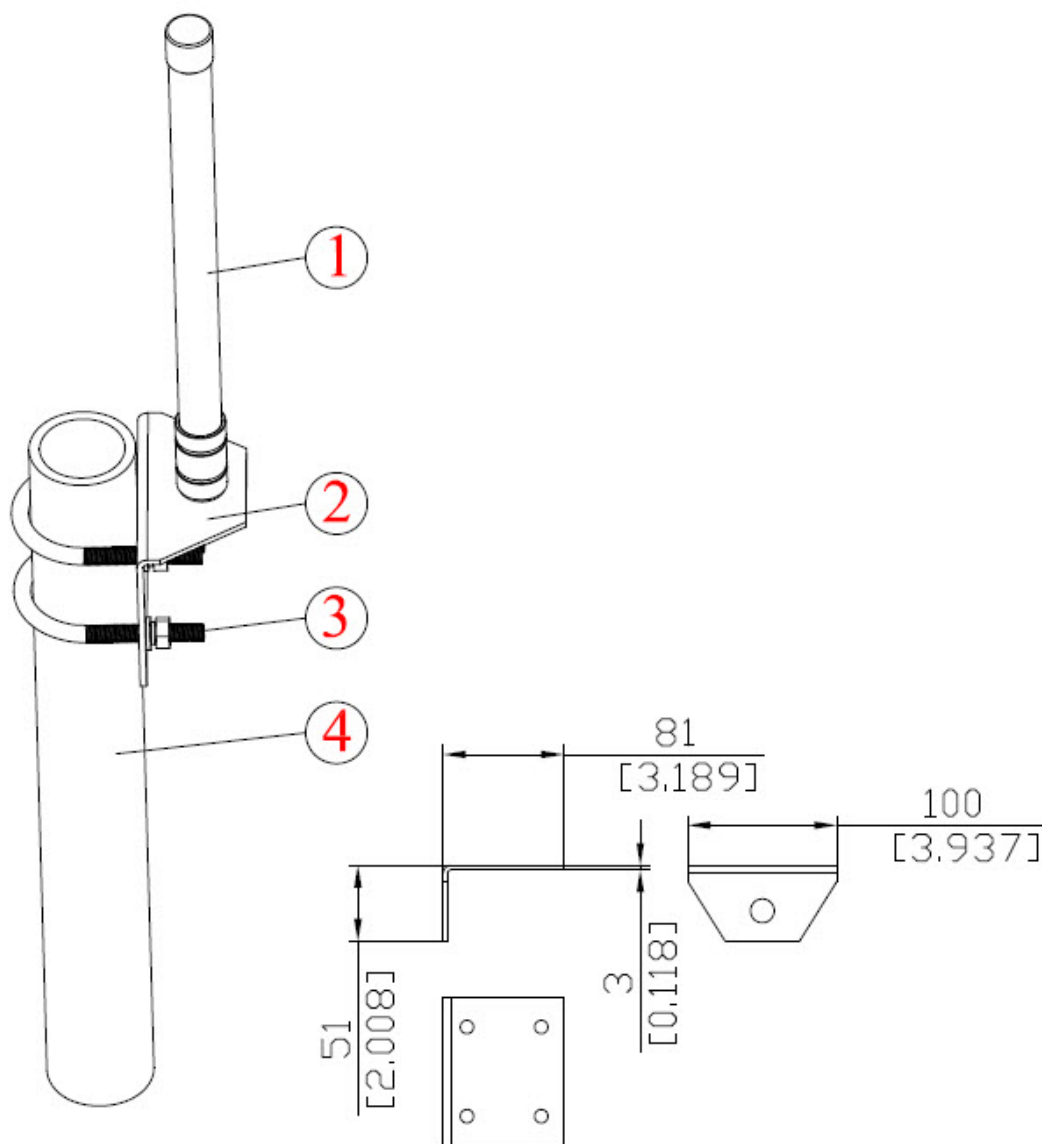
## Mechanical Dimmension:



No. d'article: 206771  
Numéro de fabricant: ANT-868-3dbi-OMNI

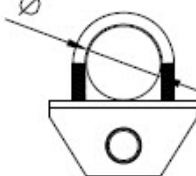


**Installation:**



## Pole Installation

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



1. Mount kits for Pole  
 Dia: Ø30-Ø50



No. d'article: 206771  
Numéro de fabricant: ANT-868-3dbi-OMNI

## 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,     |