

## Vertical Omni-Directional Outdoor Antenna Kit – 3dBi

The antenna benefits from light weight, DC short lightening protection and can operate in all conditions like strong wind resistance, and is waterproof (IP66K).

It is provided with a universal mounting kit and 1m coaxial cable.

The radiation patterns are presented here after.

### Specifications

|                             |                           |                  |
|-----------------------------|---------------------------|------------------|
| Frequency range             | 868MHz +/- 5MHz           | 915MHz +/- 15MHz |
| Impedance                   | 50 ohms                   | Idem             |
| Technology                  | Half wave                 | Idem             |
| VSWR                        | <1.3:1                    | Idem             |
| Max gain                    | 3dBi                      | Idem             |
| Polarization                | Vertical                  | Idem             |
| Power handling              | 50W                       | Idem             |
| DC ground                   | Yes                       | Idem             |
| Whip material               | Fiberglass                | Idem             |
| Connector                   | N female                  | Idem             |
| Length                      | 30 cm                     | Idem             |
| Weight                      | 75g                       | Idem             |
| IP rating                   | IP66K                     | Idem             |
| Shock resistance            | IK08                      | Idem             |
| Wind resistance             | 150MPH                    | Idem             |
| Operating temperature range | -20°C to +60°C            | Idem             |
| Salt, fog                   | EN 60068-2-52, severity 1 | Idem             |
| Cable length                | 1m                        | Idem             |
| Cable connectors            | N-male x2                 | Idem             |

### ACCIOT-KAN0

Frequency (0=868 MHz, 3=915/923 MHz)



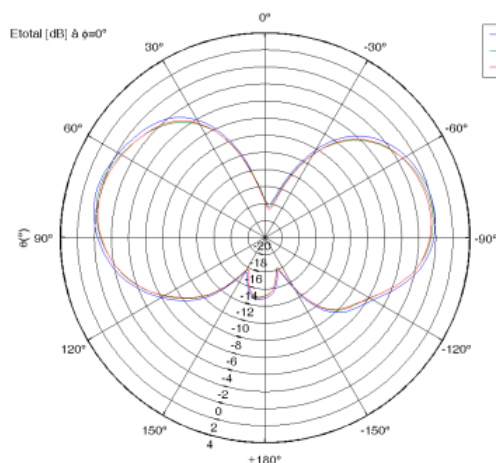
Manufacturer name: Scout  
 Manufacturer reference: KER-868 / KER-915-3  
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- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.

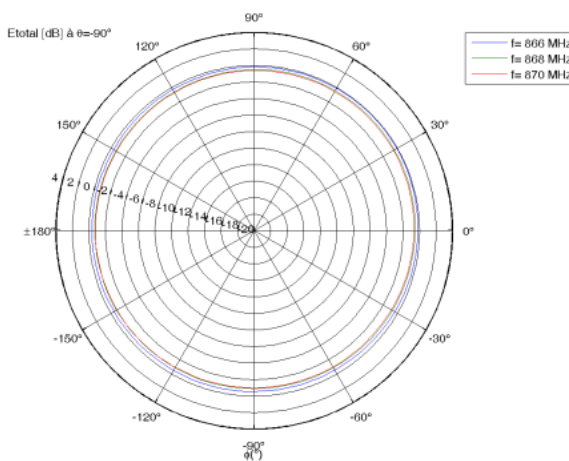
## Vertical Omni-Directional Outdoor Antenna Kit – 3dBi

The radiation patterns are measured at 870MHz (red), 868MHz (green) and 866MHz (blue)

Typical radiation pattern in E-plane

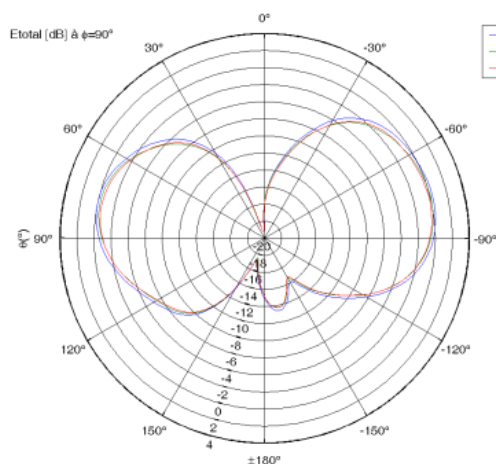


Typical radiation pattern in H-plane



The radiation patterns are measured at 930MHz (red), 915MHz (green) and 900MHz (blue):

Typical radiation pattern in E-plane



Typical radiation pattern in H-plane

