

Vertical Omni-Directional Outdoor Antenna Kit – 3dBi

The antenna benefits from light weight, DC short lightning 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
RoHS	2011/65/EU directive	Idem
Cable length	1m	Idem
Cable connectors	N-male x2	Idem

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



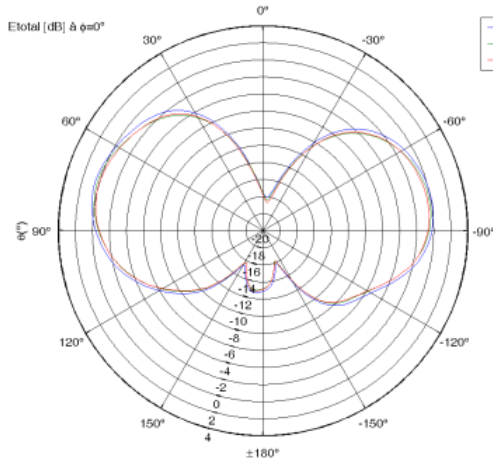
Manufacturer name: Scout
 Manufacturer reference: KER-868 / KER-915-3
 Document Version: 1.4
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- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.

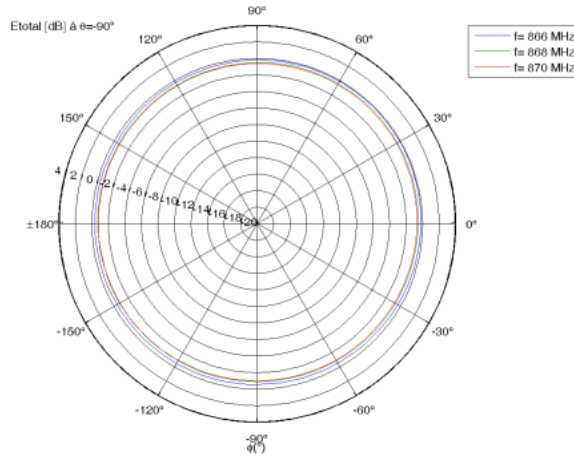
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The radiation patterns are measured at 870MHz (red), 868MHz (green) and 866MHz (blue)

Typical radiation pattern in E-plane

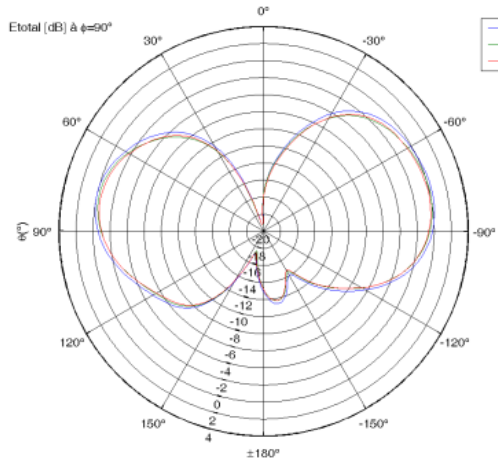


Typical radiation pattern in H-plane



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

