

Omni-directional Outdoor LoRa antenna kit – 6dBi

This outdoor waterproof LoRa antenna benefits from light weight, DC short lightening protection and can operate in all conditions like strong wind resistance.

The 6dBi dual band antenna is suitable for most of the LoRaWAN deployments.

The antenna is provided with a radome pole mounting kit, a 1-meter coaxial cable and two waterproof tapes to prevent the connectors from oxidation.



Antenna specifications	KLK03961
Frequency range	863MHz - 928MHz
Impedance	50 ohms
Technology	Collinear dipole array
VSWR	<1.5:1
Max gain	<6dBi
Min gain	>5dBi
Typical gain	5.5dBi
Polarization	Vertical
Vertical Beam width	23°
Power handling	20W
DC ground	Yes
Whip material	Pultruded Fiberglass
Connector	N female
Length	840mm
Weight	450g
IP rating	IP67
Wind resistance	240 km/h or 150 mph
Operating temperature range	-40°C to +85°C
Bracket specifications	KLK03961
Mounting type	Wall or Pole with U bolts Diameter 35mm to 60mm
Dimensions	W123xL90xH95mm
Weight	425g
Material	Stainless steel
Coaxial cable specifications	KLK02460
Coaxial reference	LMR195
Cable length	1 meter
Cable connectors	N male (x2)
Cable insertion losses@900MHz	<0.5dB
IP rating	IP68
Self-amalgamating tapes	KLK03446 (x2)
Material	Silicon
Length / width / thickness	200mm / 25mm / 500um
Elongation at break	750%
Tensile strength	33N/cm

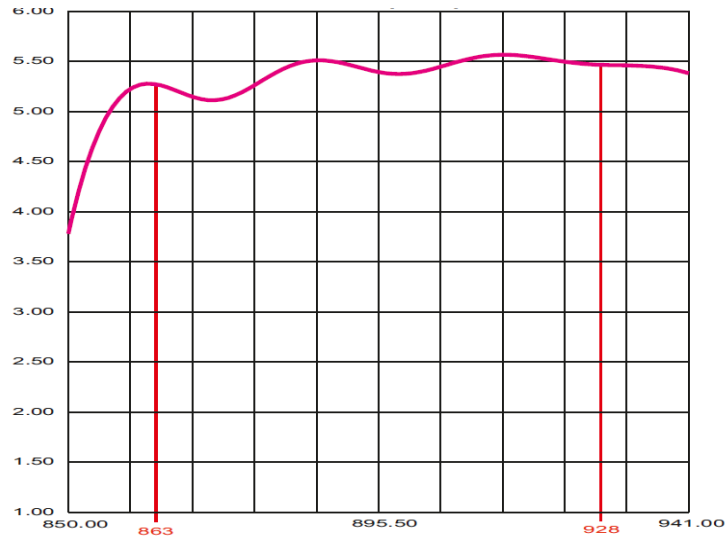
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- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor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

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Peak gain vs. frequency:



Radiation patterns in horizontal and vertical planes plane (863MHz, 868MHz, 915MHz, 928MHz):

