

Omni-directional Outdoor LoRa antenna kit – 5dBi

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

The 5dBi gain and the dual band frequency range are suitable for most of the LoRaWAN deployments.

The antenna is provided with a bracket and a 1 meter coaxial cable.



Antenna specifications	KLK03195
Frequency range	860MHz - 928MHz
Impedance	50 ohms
Technology	Collinear dipole array
VSWR	<2.0:1
Max gain	>5dBi
Efficiency	>65%
Polarization	Vertical
Vertical Beam width	22°
Power handling	50W
DC ground	Yes
Whip material	Pultruded Fiberglass
Connector	N female
Length	812mm
Weight	275 g
IP rating	IP67
Wind resistance	200 km/h or 125 mph
Operating temperature range	-40°C to +85°C

Bracket specifications	KLK02453
Mounting type	Pole (strapping – 23mm max) Wall (M5 screws)
Length	205mm
Material	Galvanized 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

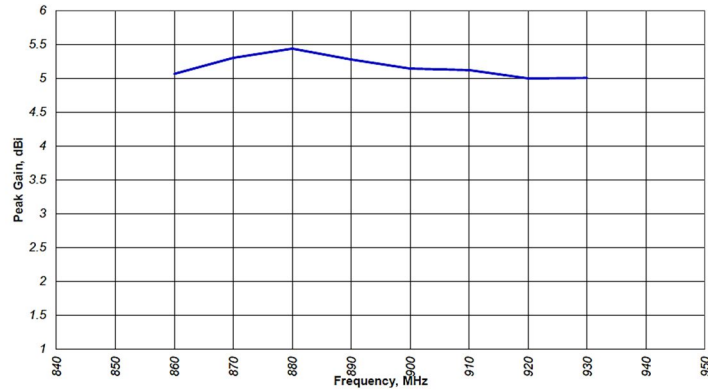


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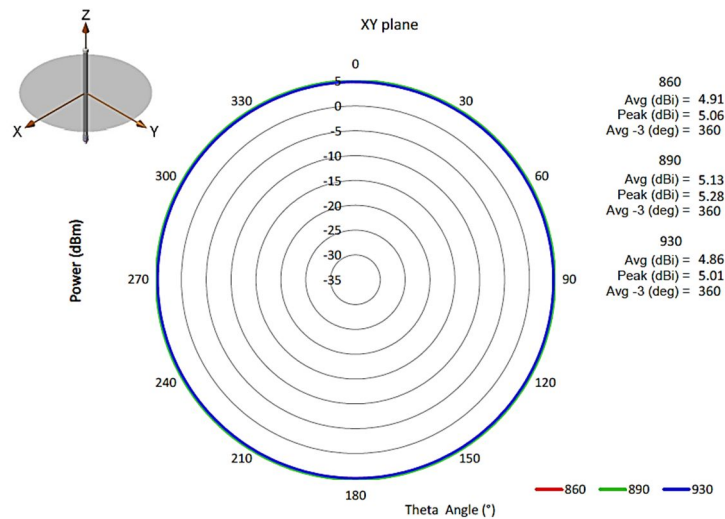
- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's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

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Peak gain vs. frequency:



Radiation patterns in horizontal plane:



Radiation patterns in vertical plane:

