

KERLINK reference: KLK03198

Omnidirectional Outdoor 868Mhz Antenna – 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).

The radiation patterns are presented here after.

Frequency range 863-876 MHz Impedance 50 ohms Technology Half wave VSWR <1.3:1 Max gain 3dBi Polarization Vertical Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1 ROHS ROHS	Specifications	
Technology Half wave VSWR <1.3:1 Max gain 3dBi Polarization Vertical Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Frequency range	863-876 MHz
VSWR <1.3:1 Max gain 3dBi Polarization Vertical Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Impedance	50 ohms
Max gain 3dBi Polarization Vertical Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Technology	Half wave
Polarization Vertical Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	VSWR	<1.3:1
Power handling >50W DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Max gain	3dBi
DC ground Yes Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Polarization	Vertical
Whip material Fiberglass Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Power handling	>50W
Connector N Male Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	DC ground	Yes
Length 30 cm Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Whip material	Fiberglass
Weight 75g IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Connector	N Male
IP rating IP66K Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Length	30 cm
Shock resistance IK08 Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Weight	75g
Wind resistance 150MPH Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	IP rating	IP66K
Operating temperature range -40°C to +85°C Salt, fog EN 60068-2-52, severity 1	Shock resistance	IK08
Salt, fog EN 60068-2-52, severity 1	Wind resistance	150MPH
	Operating temperature range	-40°C to +85°C
RoHS 2011/65/EU directive	Salt, fog	EN 60068-2-52, severity 1
	RoHS	2011/65/EU directive





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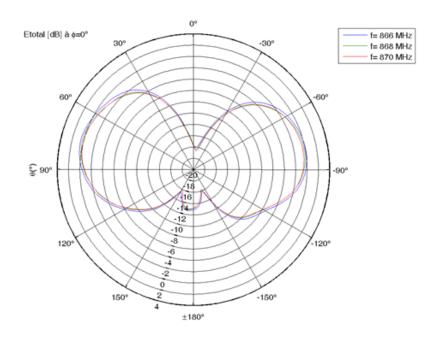
Updated: 11-Feb-2021

• 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.

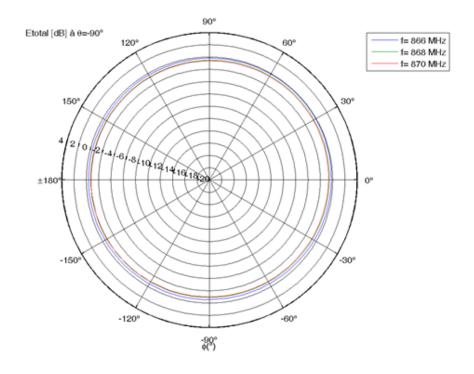
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.



Omni-Directional Outdoor Antenna – 3dBi



Typical radiation pattern in E-plane



Typical radiation pattern in H-plane