

Qoltec LoRa Antenna | 5.8 dBi | Outdoor

Product code: 57024

The LoRa antenna is a product that will give you extra power and range for your LoRa outdoor stations. It operates to the highest standard thanks to precision manufacturing and the use of the best quality components.

STRENGTHEN YOUR SIGNAL



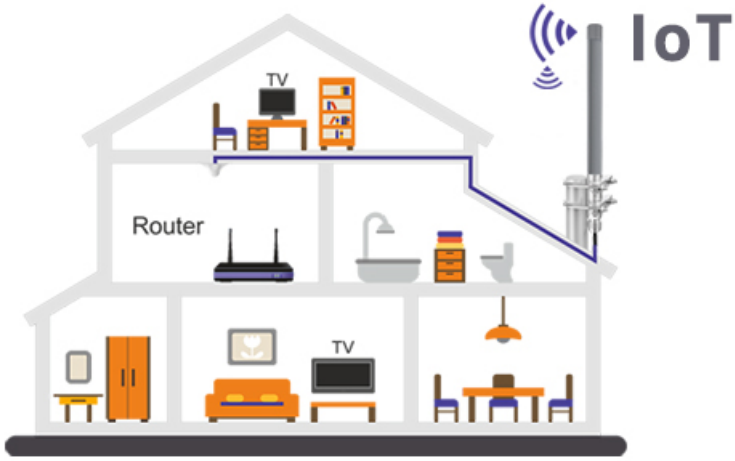
Connector N female

Connector N male



Wireless Internet has revolutionized the 21st century market. We use it in our laptops or TV sets. We watch movies, listen to music, and communicate with our loved ones. The possibilities that the Internet gives us today are incomparable to what happened a few years ago.
Weak coverage of our home network, **low quality of the received signal** make it impossible to watch the movie without buffering. Technology has moved forward, but does that mean the above situations do not happen? Unfortunately not. We often struggle with situations that prevent us from surfing the web freely, so we have the perfect solution for you. It is the **LoRa antenna by Qoltec,** which will significantly **increase the range** of your wireless network.

INNOVATIVE TECHNOLOGY WITHIN YOUR REACH



LoRa technology has many advantages, one of them is to achieve long transmission range and interference immunity, it optimizes power consumption and supports traffic optimization mechanisms between nodes. It is bidirectional, which allows for reliable transmission of information. It also includes several key wireless networking features such as **encryption** (128-bit key) and E2E (end-to-end) **security**, adaptive data rate optimization, quality of service and other advanced applications. It is also designed for battery-powered or renewable energy devices. The antenna is designed for use with LoraWAN, FLARM, OGN, LoRa and other 868 Mhz applications.
The **next technological** revolution called **Internet of Things** (IoT) compatible with our device:
-Thanks to IoT, our homes and even cities are becoming smarter. **The LoRa antenna** receives and sends signals to the outside world while interfacing with equipment in your home or office via either Wifi or Bluetooth.
When it comes to business applications, IoT devices allow you to automate many tasks and optimize various processes. Smart devices can run **diagnostics themselves and detect potential failures and problems** in advance and prevent them without human intervention.

A SOLUTION FOR YOUR BUSINESS



M2M or Machine-to-Machine terminology refers to the exchange of information between individual mobile or stationary devices. In this case, Qoltec's LoRa antenna with its long range will facilitate communication between the central equipment and other systems in various remote locations. The M2M interface allows companies to control remote equipment that is critical to **business operations.** This type of remote monitoring and control enables corporations to resolve service issues and restore functionality without disrupting productivity. M2M technology **can be used to create an integrated network of sales offices around the world.** Data is sent to a central database that resides in the main office and is also located at the branch location. This allows the central office to assess the total sales effort in all territories **at the same time.**

WORKMANSHIP PRECISION



Connector N female

Connector N male



The presented model is made with **attention to the smallest details,** elegant design will easily fit into the decor of the home or office.
Glass fiber – it is light, durable and resistant to weather conditions or chemicals. In turn, **copper** is, among other things, a perfect conductor of electricity and is resistant to corrosion **– This ingenious combination** guarantees long life of the device and solid durability.
Our company makes every effort to **protect the environment** in the best possible way, thus the presented model is packed in a **stylish biodegradable eco box.**

CONFIDENCE CONFIRMED BY A WARRANTY

Do you care about high quality of the product you buy? Our solutions will meet your expectations. The LoRa antenna we offer comes with a 24-month warranty valid from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Type antenna	Outdoor, omnidirectional
Antenna gain	5.8 dBi
Working frequency	868 MHz
Maximum power	50W
Impedance	50
Polarization	Vertical
Antenna connector	1x N male
VSWR	2.0
Maximum height	500 mm
IP rating	IP 67
Additional information	Antenna for external mounting
OTHER PARAMETERS	
Colour	Grey
Material	Fiberglass, pure nickel-plated copper
Working temperature	-20 +85
Package contents	Antenna LoRa Mounting set
Package depth / length [mm]	87
Package width [mm]	35
Package height [mm]	52
Net weight [kg]	0.3300
Gross weight [kg]	0.4250
Warranty	24 months
EAN code	5901878570242