

ANT045-00

The ANT045 antenna is a transducer designed to transmit and receive electromagnetic waves.

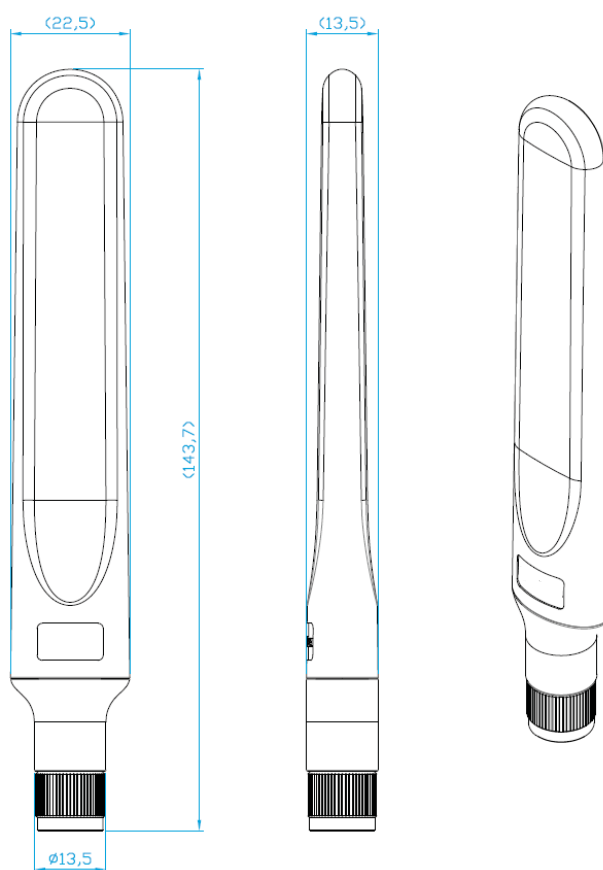
It is a commercially available antenna rebranded by Autec.

It can be used in Autec base stations and it can operate in 863-870 MHz, 915-928 MHz and 2400-2483.5 MHz frequency bands.

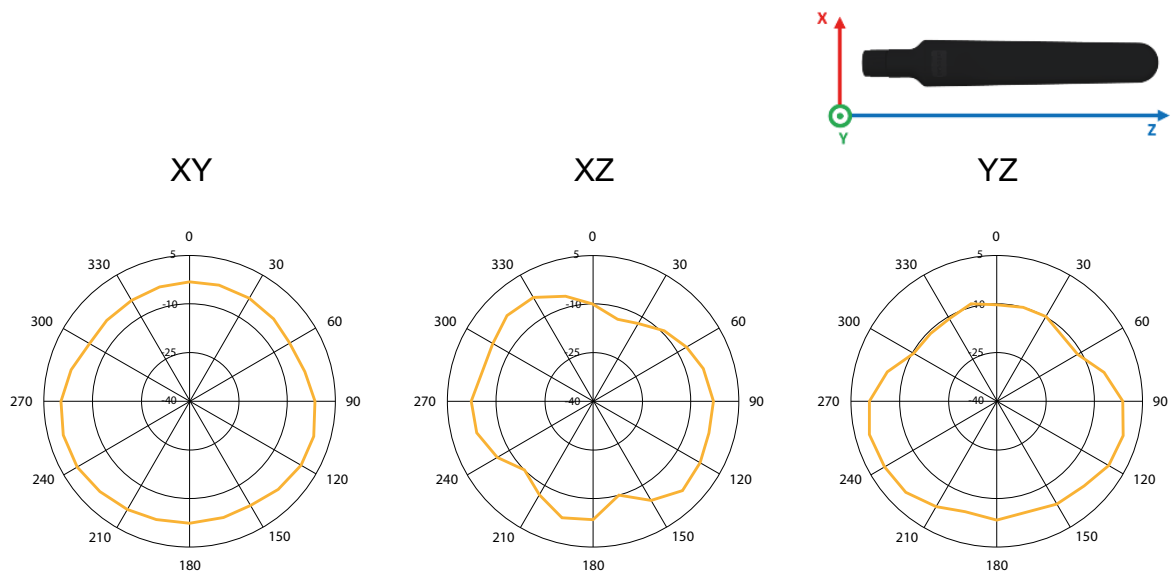
The antenna has been designed for outdoor application with a IP67 protection degree.

The antenna is connected to the unit through a dedicated low-loss prolongation cable (1m or 3m long, RP-TNC plug to RP-TNC jack). A mounting bracket is also provided to install the antenna in a more favourable position.

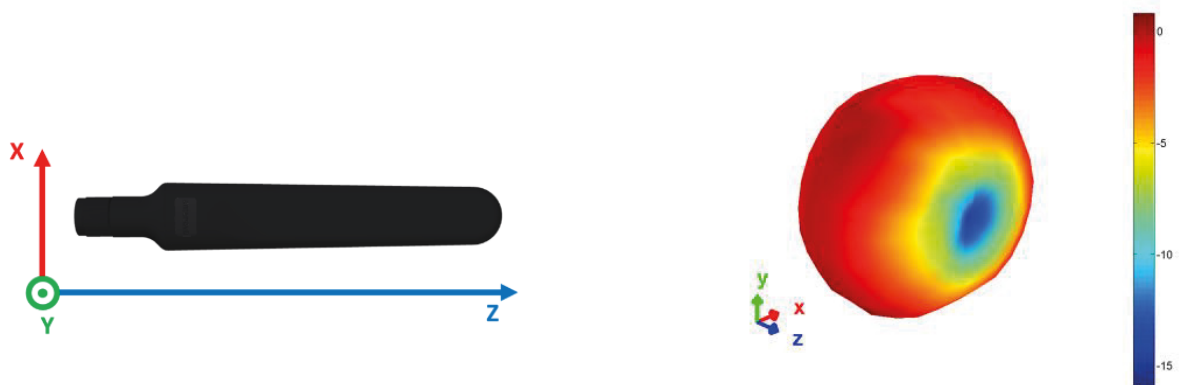
The ANT045 antenna has the following dimensions:



1. Resulting gain in 863-870 MHz and 915-928 MHz frequency band

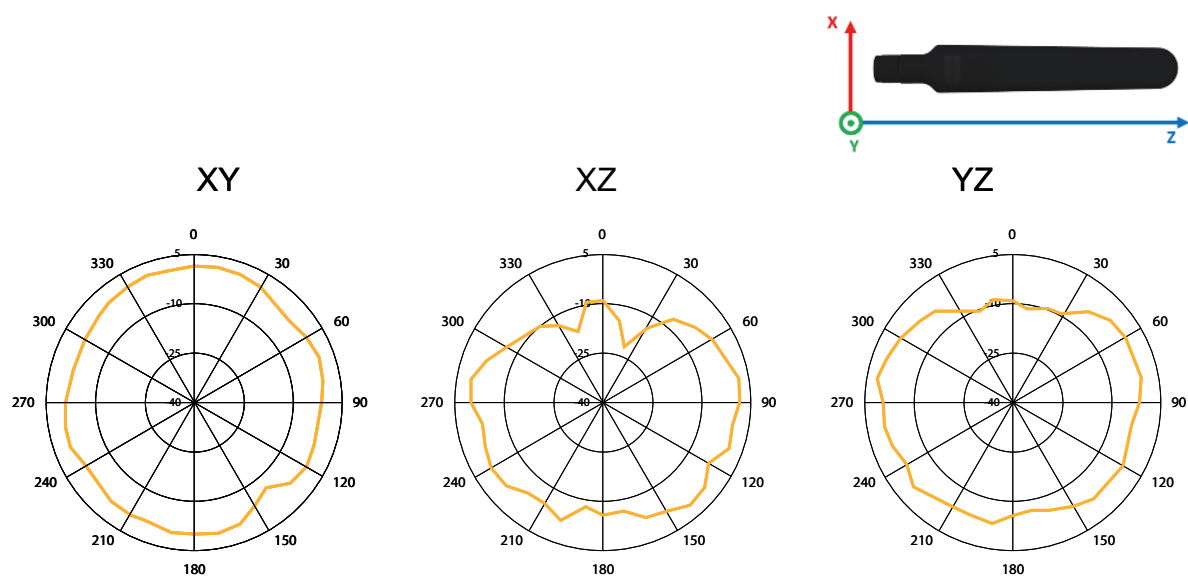


Fixed (IP67)

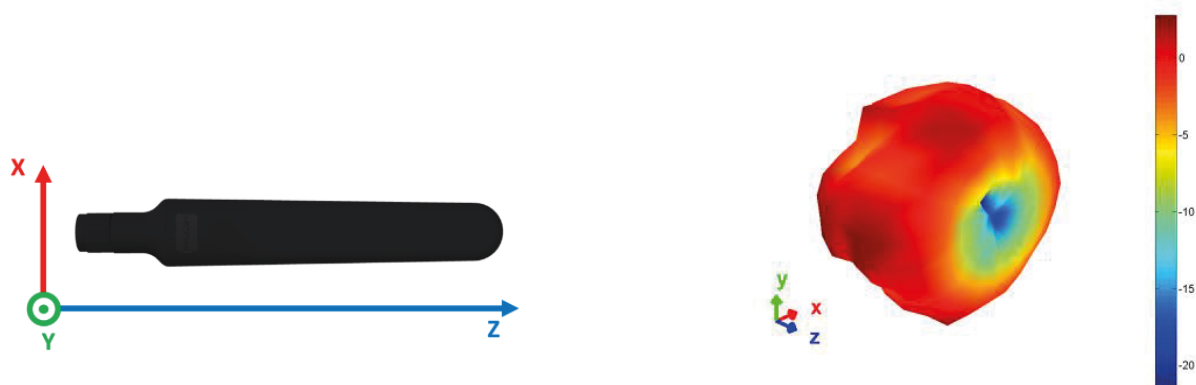


The realized gain of the antenna, considering the connection cable loss (about -0.9 dB @ 900 MHz), is 1.56 dB.

2. Resulting gain in 2400-2483.5 MHz frequency band



Fixed (IP67)



The realized gain of the antenna, considering the connection cable loss (about -1.4 dB @ 2450 MHz), is 2.315 dB.