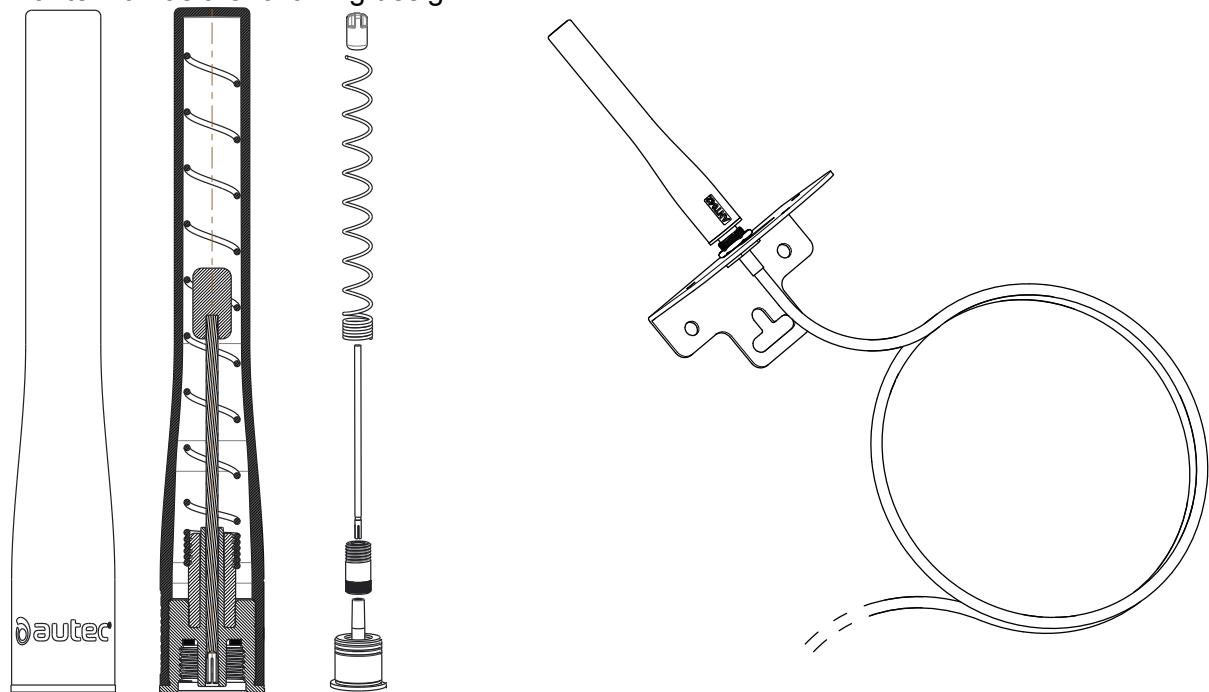


ANT042-00

The ANT042 antenna is a transducer designed to transmit and receive electromagnetic waves. It can be used in Autec remote stations and it operates in 870-915MHz frequency band.

The antenna can be directly connected to the base stations or it can be remoted with a RG58 cable provided by Autec.

The ANT042 antenna has the following design:



The simulation made with the electromagnetic simulation software CST microwave studio proves that the antenna has a gain of about 1.227dBi and the System Total efficiency is -0.4847dB. 1.73 dBi. See the radiation pattern below:

