
GENERAL DYNAMICS
Broadband

Remote Antenna for LTE Modem

INSTRUCTIONS FOR USE



General Remarks

In order to improve the data transfer performance, the LTE modem is designed to work with the remote antenna. The antenna features a magnetic base that allows you to mount it on a metal surface e.g. a window sill. You can also screw the antenna on the wall either inside or outside.

The antenna is equipped with a 3m cable terminated in suitable RF connectors for connecting the remote antenna to the modem.

Specifications

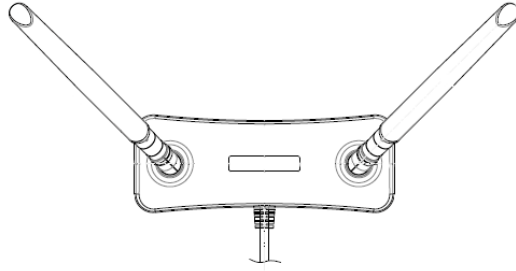
Frequency Range	690 – 750 MHz
Gain	max. 1.7 dBi
Polarisation	Linear, +/- 45°
Power Input	max. 4W
Temperature Range	-20°C to +55°C
Cable Length	3m

Mounting the Antenna

Before you connect the antenna to the modem you should assemble the antenna elements to the base unit. Gently tighten the antenna elements to the base unit. After attaching the antenna elements align them so they are angled at 45 degrees relative to the antenna base.

Installation on the Wall

- Install screws spaced to match the locating lugs in the rear of the antenna, ensure the screw heads protrude approximately 1.5mm above the surface of the wall.
- Located antenna on the on the screws as shown below.



Connecting to the Antenna Port of the Modem

- Before connecting the remote antenna, move the slider on the bottom of the modem to reveal the antenna connectors. Ensure the sliders is fully open.
- Connect the remote antenna connectors to the modem as shown below.



- Both cables from the remote antenna must be connected to the modem.

