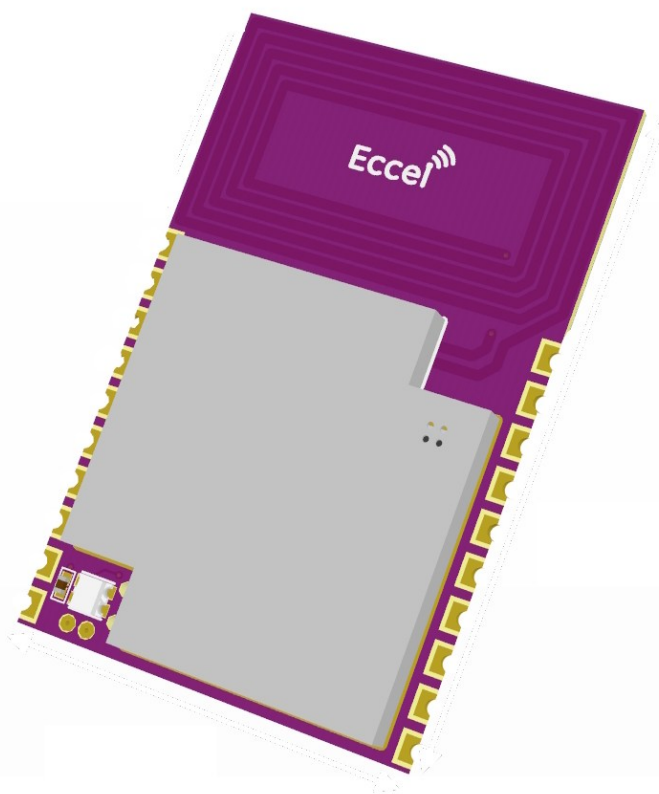


C2R Module Integrated Antenna

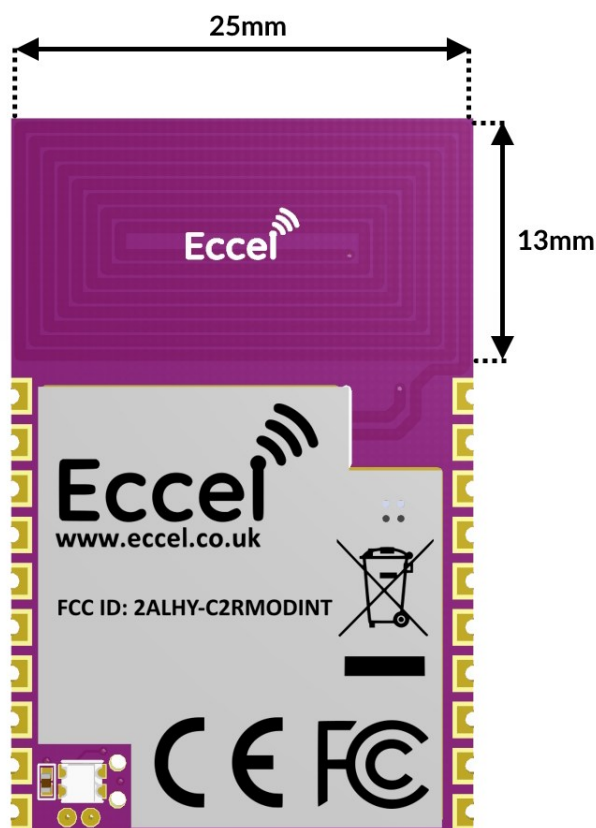
V1.0
2026-01-15



Standard specifications:

Operating Temperature Range	-40°C to + 85°C
Storage Temperature Range	-40°C to + 85°C
Operating frequency [MHz]	13.56
Dimensions	25x13 mm
Cable length	None – Antenna is integrated

Note: We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.



Description

Antenna type	PCB track loop
Manufacturer	Eccel Technology Limited
Gain	N/A
Frequency of operation	13.553 - 13.567MHz 13.56MHz center frequency
Type of modulation	100% ASK
Channels, Bandwidth, Spacing	N/A

The antenna is made from FR4 material.

The antenna parameters ensure compliance with standards by matching the coil inductance and cable length.

The RFID antenna was designed by Eccel Technology Limited. The antenna is an integrated part of the main electronics board and it's made from the PCB tracks.

This communication feature is implemented by magnetic induction in a very near field environment and antenna gain information is not required to be declared.

1. Return Loss, SWR, Smith Chart

