

Antenna Specifications

The product **Antenna** is a PCB Trace Antenna for 2.4GHz frequency. The PCB trace dimensions are approximately 27mm long, 1mm wide, and 0.1mm thick. The antenna used has a maximum gain of 1.35dBi and minimum gain of -13.5dBi. The antenna sits on the bottom layer and has a ground plane removed around it over the top layer. It is connected to a 3.9nH inductor and controlled by an 32MHz quartz crystal. Shape of the antenna can be seen in the image below:



