

ABSTRACT OF THE DISCLOSURE

A helical antenna 1 is fabricated, wherein the cutting boss component 6 of a first molded element 7, that has a spirally cut groove 4 formed around an insulator and that has a mounting component 3 at one end and the aforementioned boss component 6 at the other, is chucked, the components are plated, the metal layer is then removed except from the groove component 4 and mounting component 3, the boss component 6 is then cut off and that location is machined, and a radio device base plate fixing hole 9 is formed in the mounting component 3. An electrical connection is also established when the mounting component 3 is mounted on the base plate of the radio device main body. As a result, costs and irregularities in electrical properties can be reduced, the antenna can be easily mounted, the mechanical strength is increased, and excellent water-proofness is achieved.