

High-frequency dual-induction antenna and manufacturing method thereof

Abstract

5 The invention discloses a high-frequency dual-induction antenna and a manufacturing method thereof. The antenna comprises a main high-frequency antenna and an auxiliary high-frequency antenna which are intertwined but not connected with each other, wherein the main high-frequency antenna is a large peripheral coil antenna, and the auxiliary high-frequency antenna is a small coil antenna in the main high-frequency antenna; the main high-frequency antenna and the auxiliary high-frequency antenna are wound in the same direction from the outer coil to the inner coil; one
10 end of the main high-frequency antenna is connected with the first non-connected signal contact of the chip; and one end of the auxiliary high-frequency antenna is connected with the second non-connected signal contact of the chip. The invention adopts the design of dual high-frequency induction coil antenna, which greatly improves the radio frequency performance of the card; The
15 card designed with double induction antenna greatly increases the application range of CPU card, and the reader-writer compatibility of the card is stronger; When SE chip with poor RF performance is adopted, the dual-sensor antenna design can overcome the disadvantages of the chip, ensure that the RF performance of the whole card is improved, and make customers feel better.

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