

Title (en)
DUAL-FREQUENCY ANTENNA

Title (de)
DOPPELFREQUENZANTENNE

Title (fr)
ANTENNE À DOUBLE FRÉQUENCE

Publication
EP 3920328 A1 20211208 (EN)

Application
EP 19912442 A 20191227

Priority
• CN 201920139308 U 20190128
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Abstract (en)
The present application discloses a dual-frequency antenna, comprising: a PCB provided with a clearance area and a non-clearance area; a single-path metal conduction band which is arranged within the clearance area and a terminal end of which is electrically connected to a ground end of the PCB; and a capacitor connected between an excitation end and the terminal end of the single-path metal conduction band. The dual-frequency antenna can achieve dual-frequency resonance merely by means of a metal conduction band on which the capacitors are connected in series, thus avoiding the problems in the prior art that the space occupied by a multi-branch multi-path structure is large, its size is relatively large, and its resonant frequency band is difficult to adjust.

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