



Abstract

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A silver particle dispersing solution, which contains 50-70 % by weight of silver particles having an average particle diameter of 20 nm or less, is applied on a substrate by the flexographic printing, and then, calcined to produce a booster antenna wherein a silver conductive film, which contains 10-50 % by volume of a sintered body of the silver particles and which has a volume resistivity of 3-100 $\mu \Omega \cdot \text{cm}$, a surface resistivity of 0.5 $\Omega / \square$ or less and a thickness of 1-6 μm , is formed on the substrate. Thus, there is provided a booster antenna which has excellent electrical characteristics and flexibility and which can be inexpensively mass-produced.



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