

Title (en)
SMALL SIZED MULTIPLE BAND ANTENNA

Title (de)
KLEINE MEHRBANDANTENNE

Title (fr)
PETITE ANTENNE MULTIBANDE

Publication
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Application
EP 00953607 A 20000804

Priority
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• SE 9902878 A 19990811

Abstract (en)
[origin: WO0111721A1] A multiple frequency band antenna, comprising at least two antenna elements (10, 11, 20, 21, 60) connected via an antenna feeding network to a radio frequency source/receiver, said antenna elements being operable in at least two non-overlapping frequency bands. The antenna feeding network comprises means for connection to the radio frequency source/receiver, means for direct electrical connection to a feed-end portion of a first antenna element (10, 20) being operable in a lowermost frequency band, and means for capacitive coupling (24, 90) to a feed-end portion of at least a second antenna element being operable in a frequency band which is higher than said lowermost frequency band. Further, the capacitive coupling being dimensioned to provide a relatively high impedance for frequencies in said lowermost frequency band and a relatively low impedance for frequencies in said higher frequency band.

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Citation (search report)
See references of WO 0111721A1

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