

THIS SHEET HAS BEEN
REPLACED

TWO POSITION FOLD-OVER
DIPOLE ANTENNA

Abstract of the Disclosure

5 A radio communication device includes a radio signal source
(415) positioned in the first housing portion (101). A second housing
portion (103) has a first end movably supported on the first housing
portion such that the housing portions are reconfigurable between an
extended position and a collapsed position. A dipole antenna (107) has
10 a first arm (440) positioned in the first housing portion and a second
arm (441) positioned in the second housing portion. A respective end of
each of the arms is connected to the signal source. Plates (450, 451) are
positioned on the first and second housing portions and connected to the
antenna arms such that they are capacitively coupled when the housing
15 portions are collapsed and are not coupled when the housing portions
are extended.

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