

Abstracts

A Microstrip Patch Antenna with Coplanar Feed Line

W. Menzel and W. Grabherr. "A Microstrip Patch Antenna with Coplanar Feed Line." 1991 Microwave and Guided Wave Letters 1.11 (Nov. 1991 [MGWL]): 340-342.

An experimental investigation of a microstrip patch antenna with a coplanar feed line is presented. The coupling from the coplanar line to the patch is accomplished via a slot in the ground plane to which the coplanar line is connected either inductively or capacitively. The input return loss can easily be adjusted via the slot length. Additional frequency tuning is possible by switching between inductive and capacitive coupling.

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