

Title (en)
PRINTED PATCH ANTENNA

Title (de)
GEDRUCKTE PATCH-ANTENNE

Title (fr)
ANTENNE IMPRIMEE PASTILLE COMPACTE

Publication
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Application
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Abstract (en)
[origin: WO02052680A1] The invention concerns a half-wave printed patch antenna comprising, symmetrically to a plane (YY) perpendicular to the antenna surfaces, a dielectric substrate (2a) and two conductive layers (3a, 4a) respectively extending on the substrate surfaces. One of the surfaces of the substrate comprises a projection (5a) extending longitudinally to the plane of symmetry (YY) and one (4a) of the conductive layers extends on and along the projection. Consequently, the antenna is compact, while having a more open radiation pattern. The antenna comprises only one projection for linear polarisation and two intersecting projections or a projection with axial symmetry for orthogonal polarisation.

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